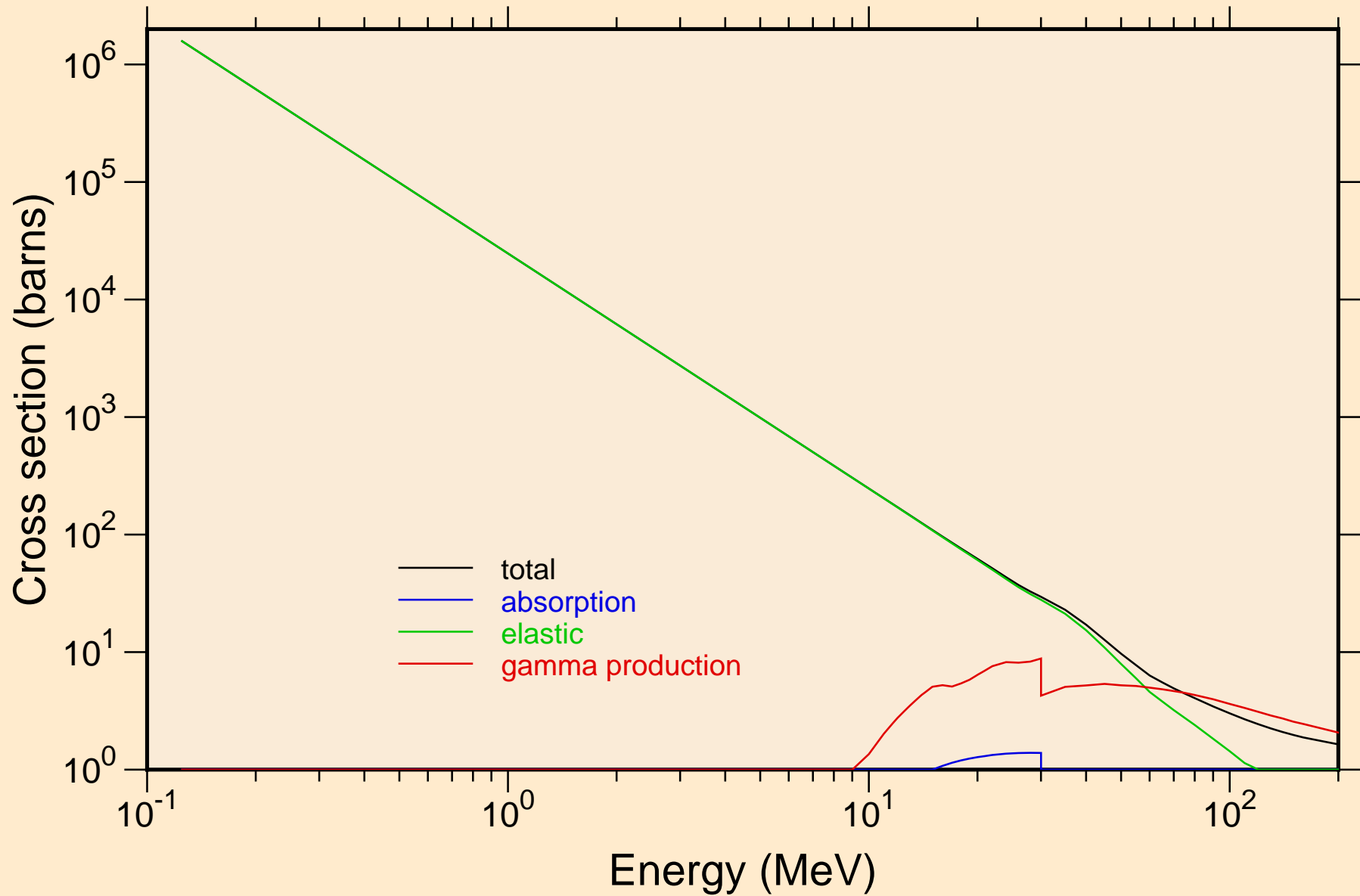


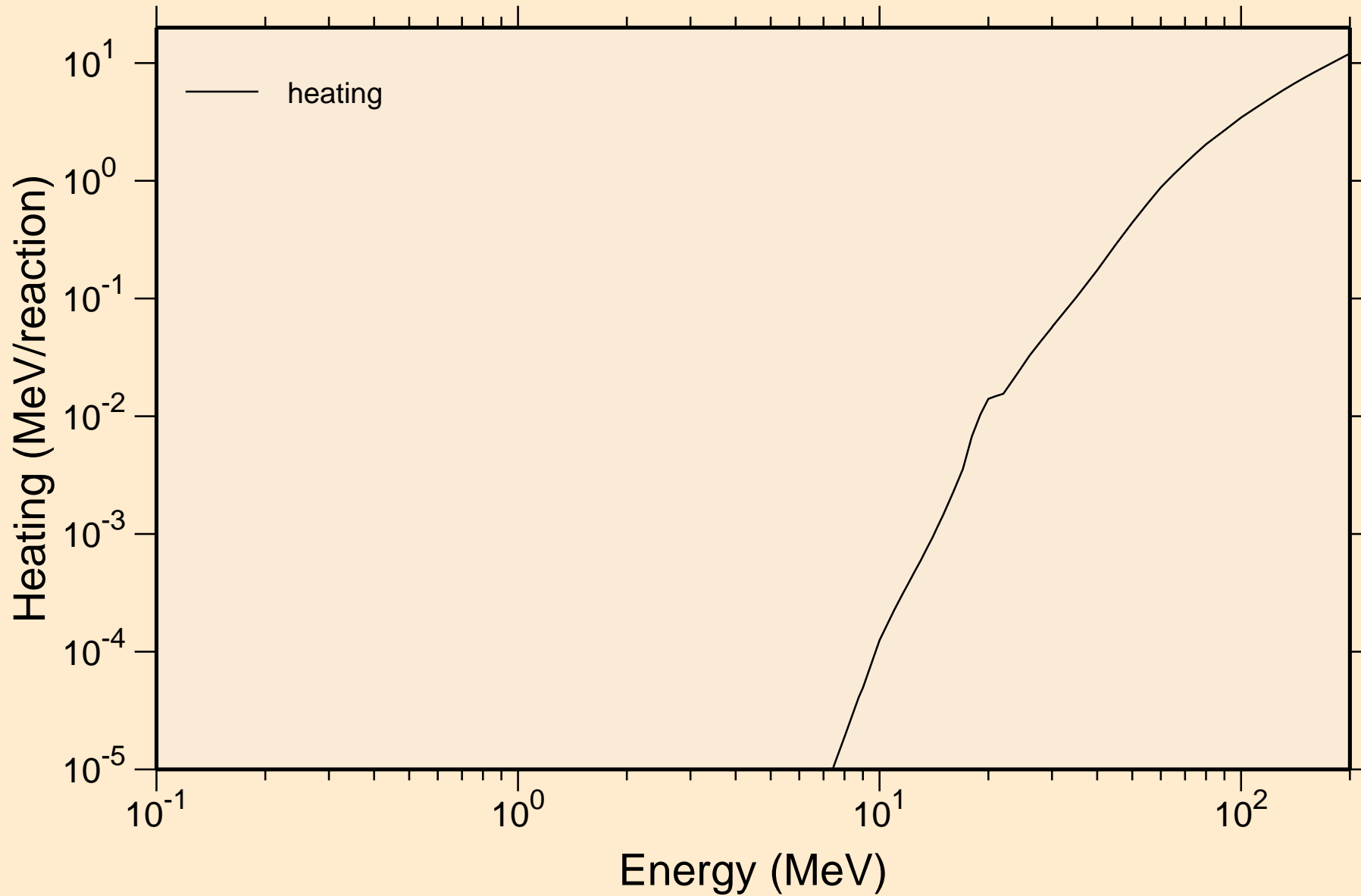
# EU157 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



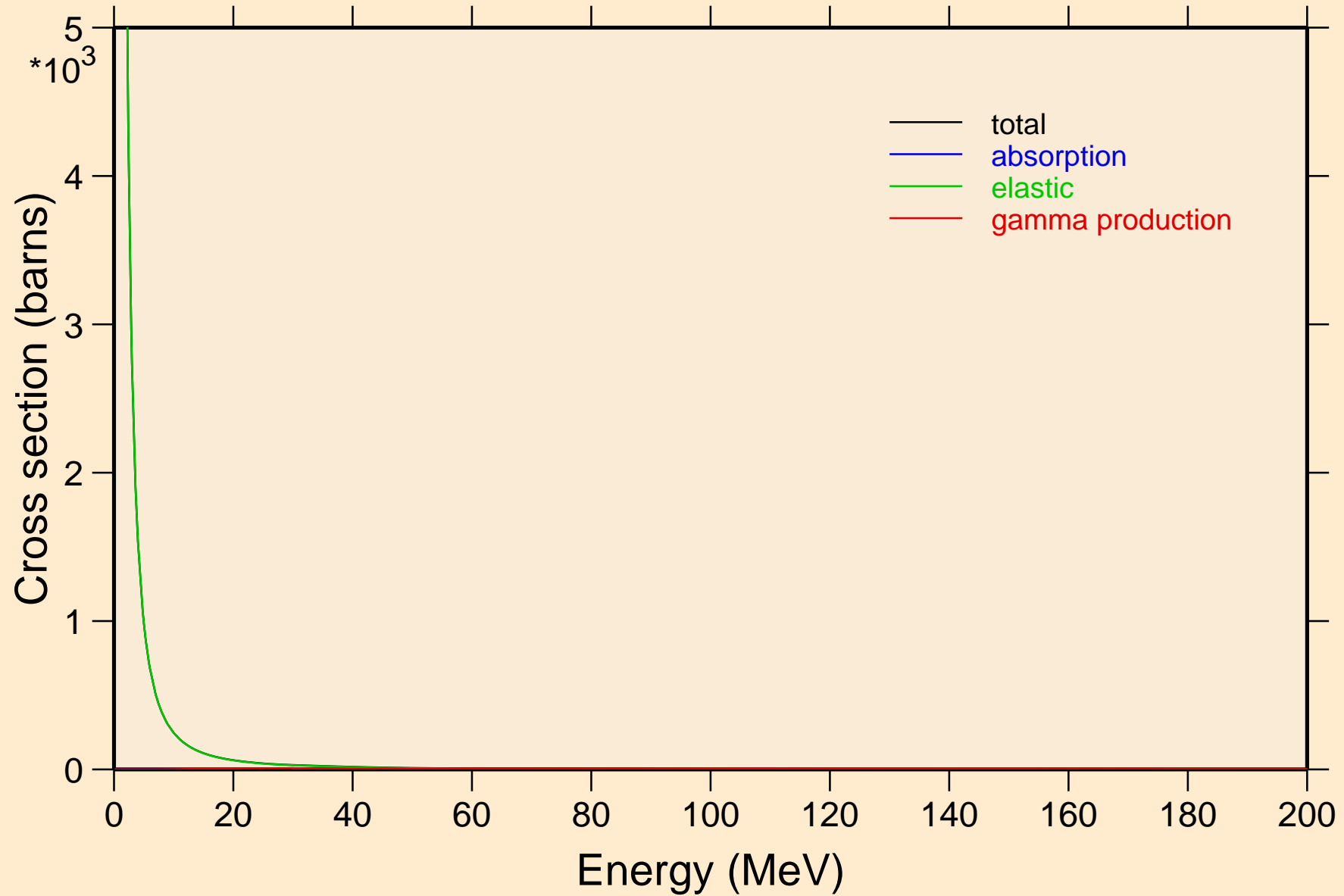
# EU157 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Heating



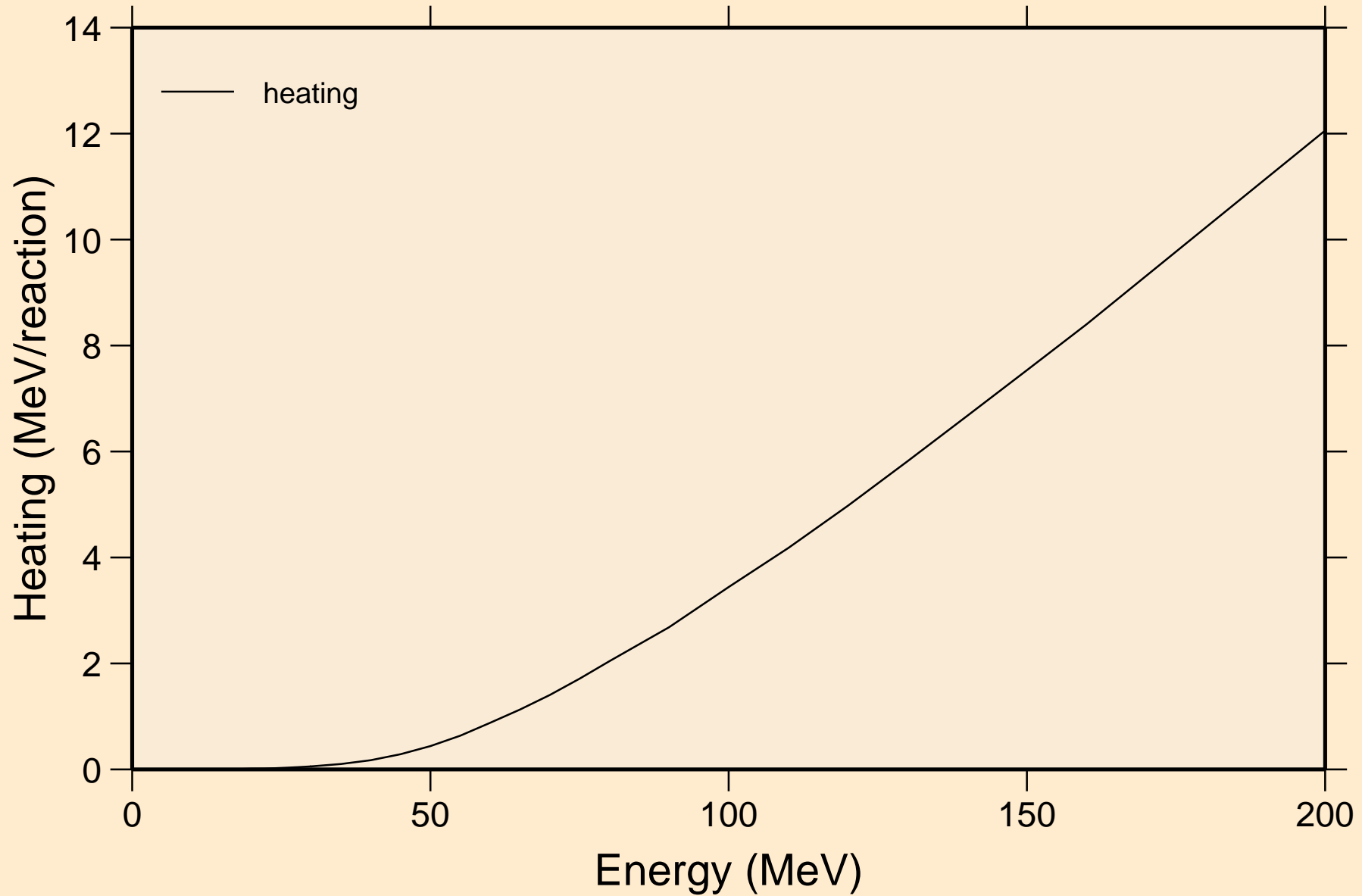
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## Principal cross sections



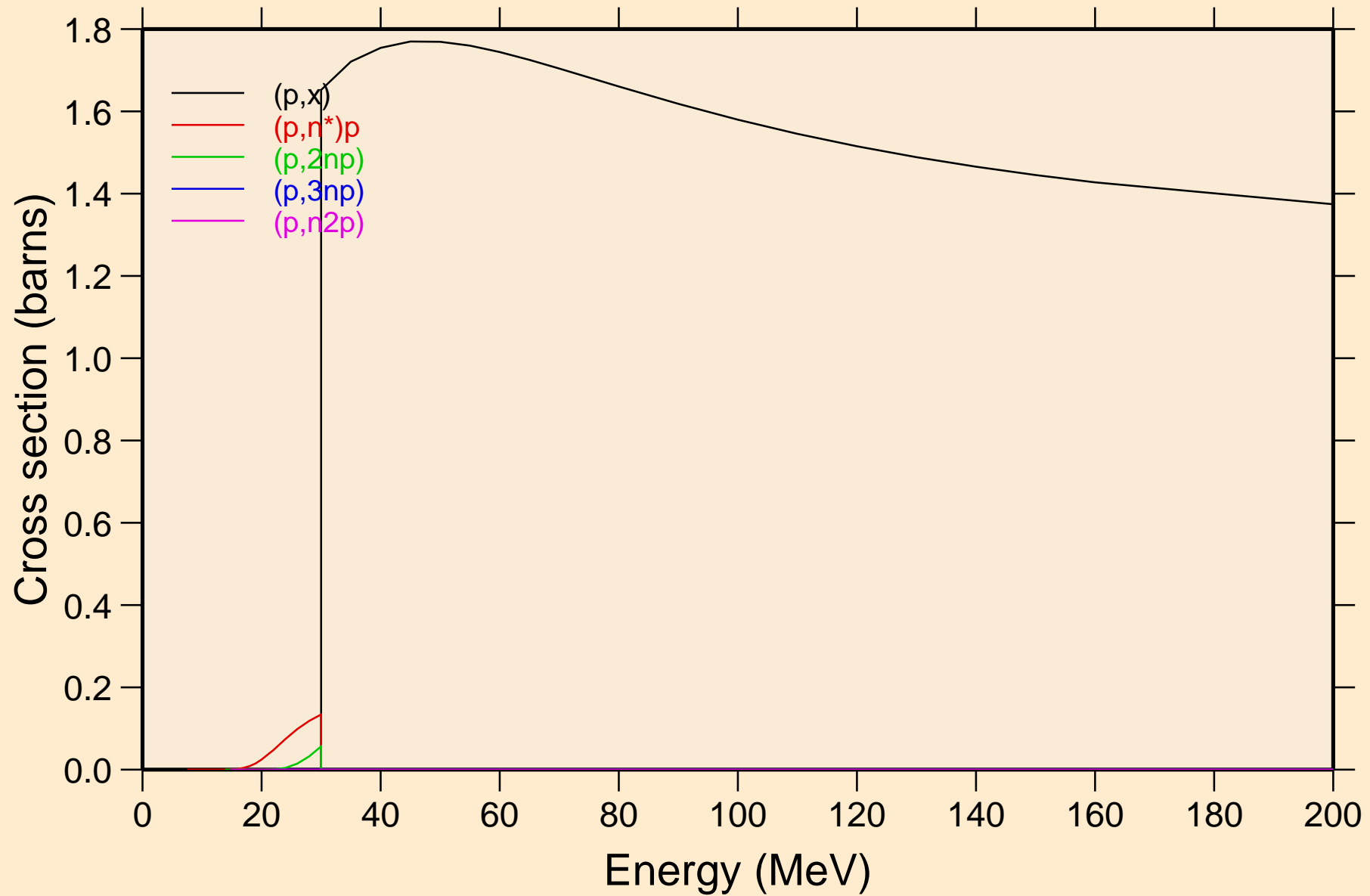
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## Heating



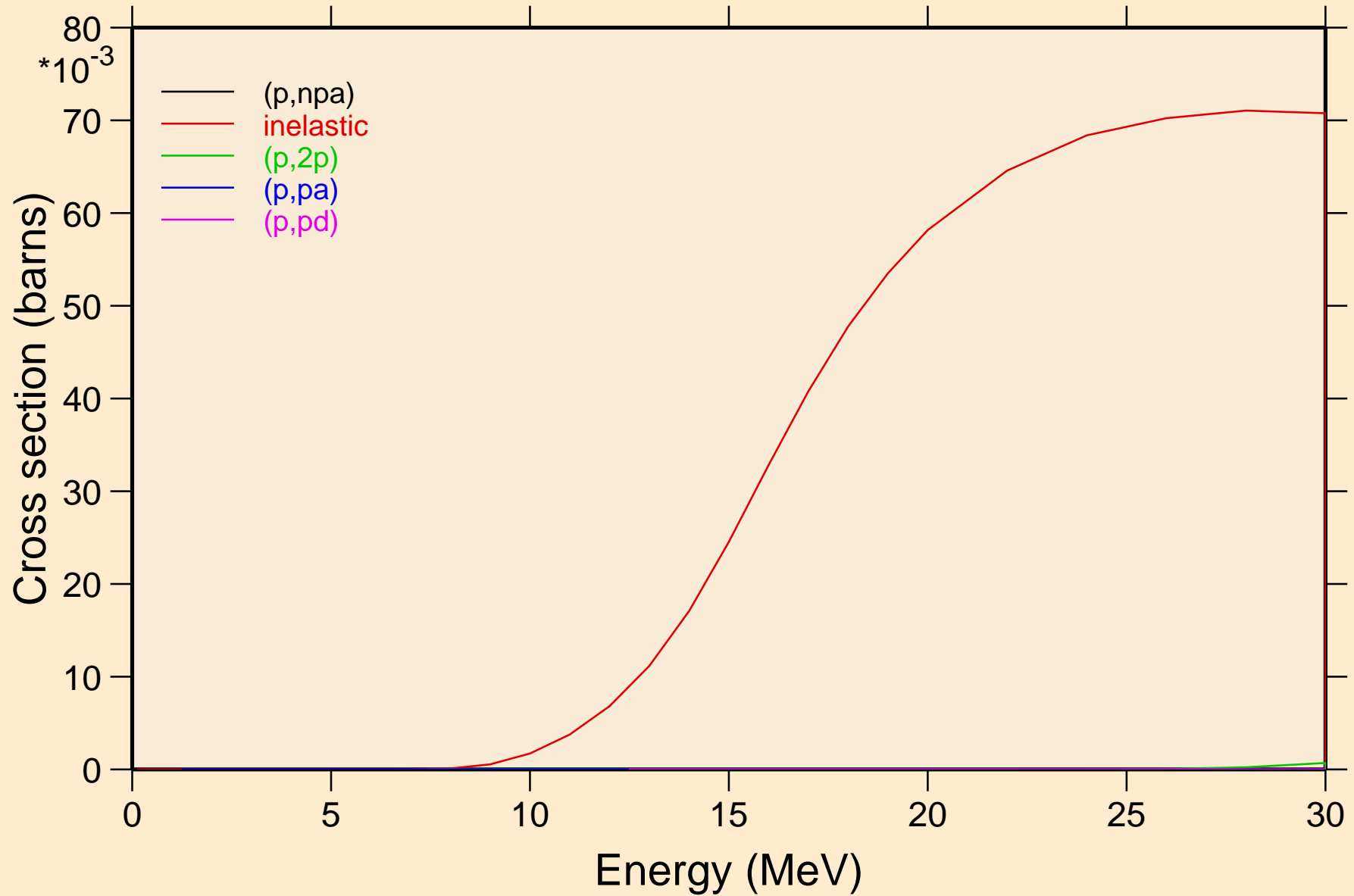
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## Threshold reactions

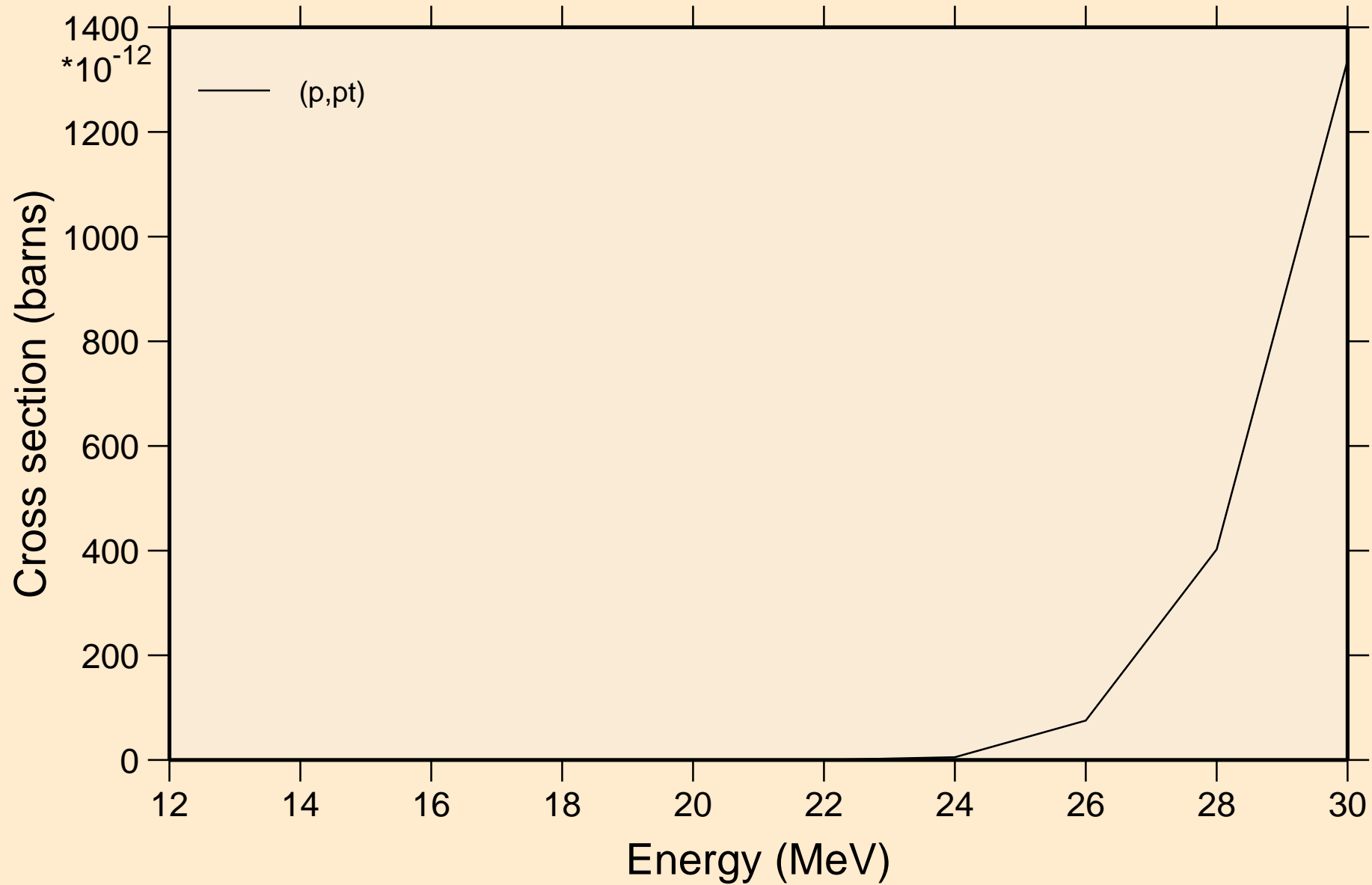


# EU157 PROTON ACER TENDL-2023 LIBRARY; T=0.K

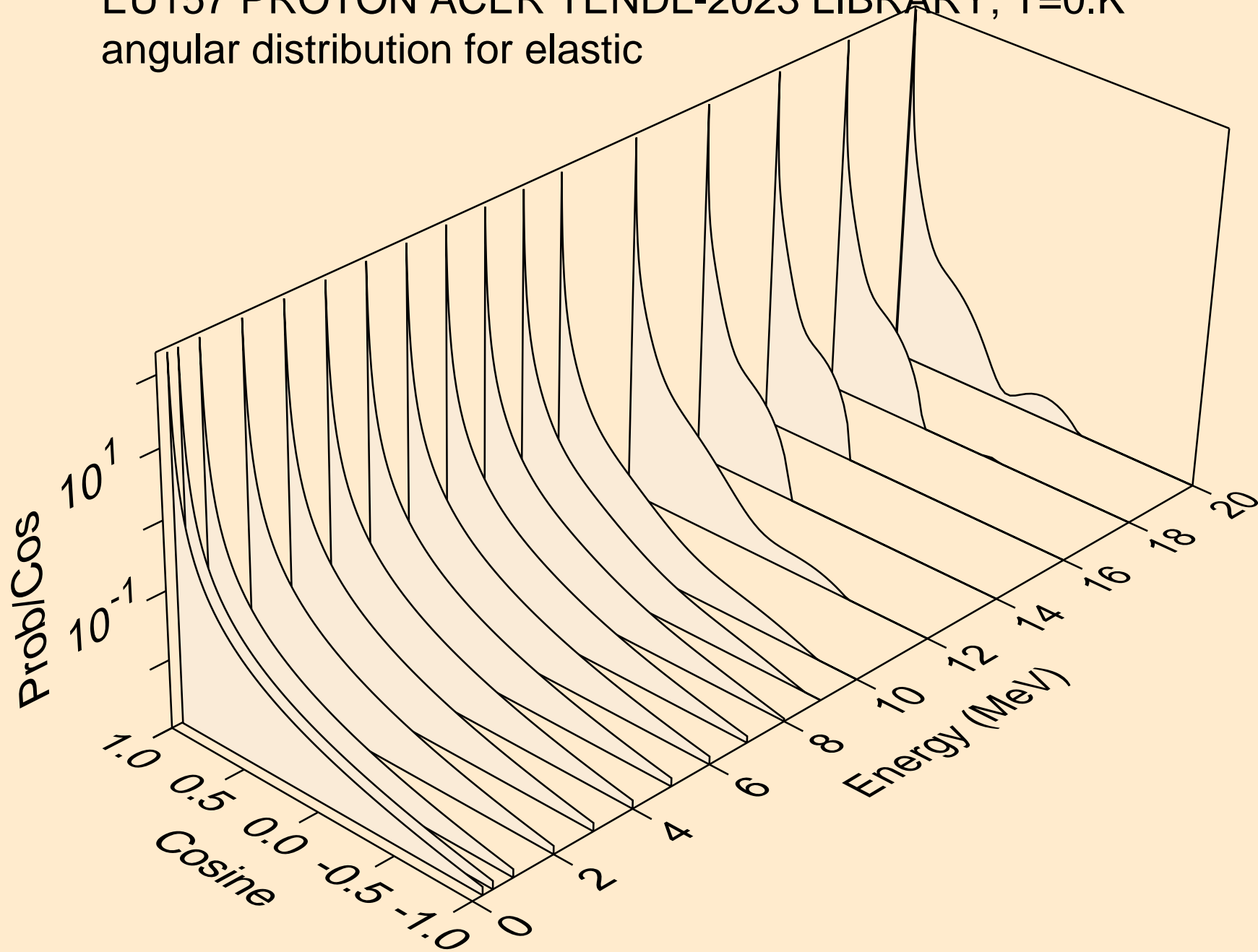
## Threshold reactions



EU157 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

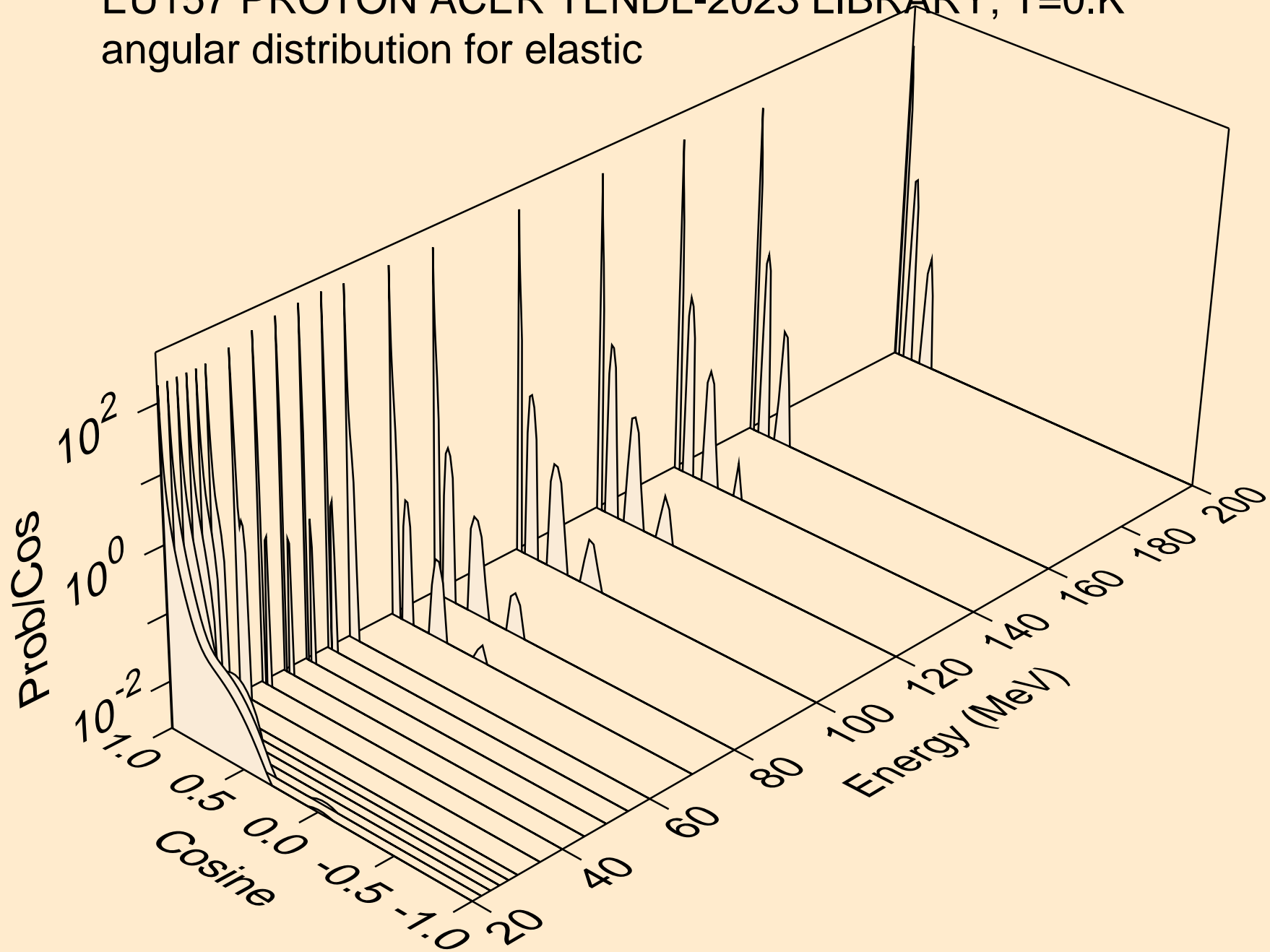


EU157 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

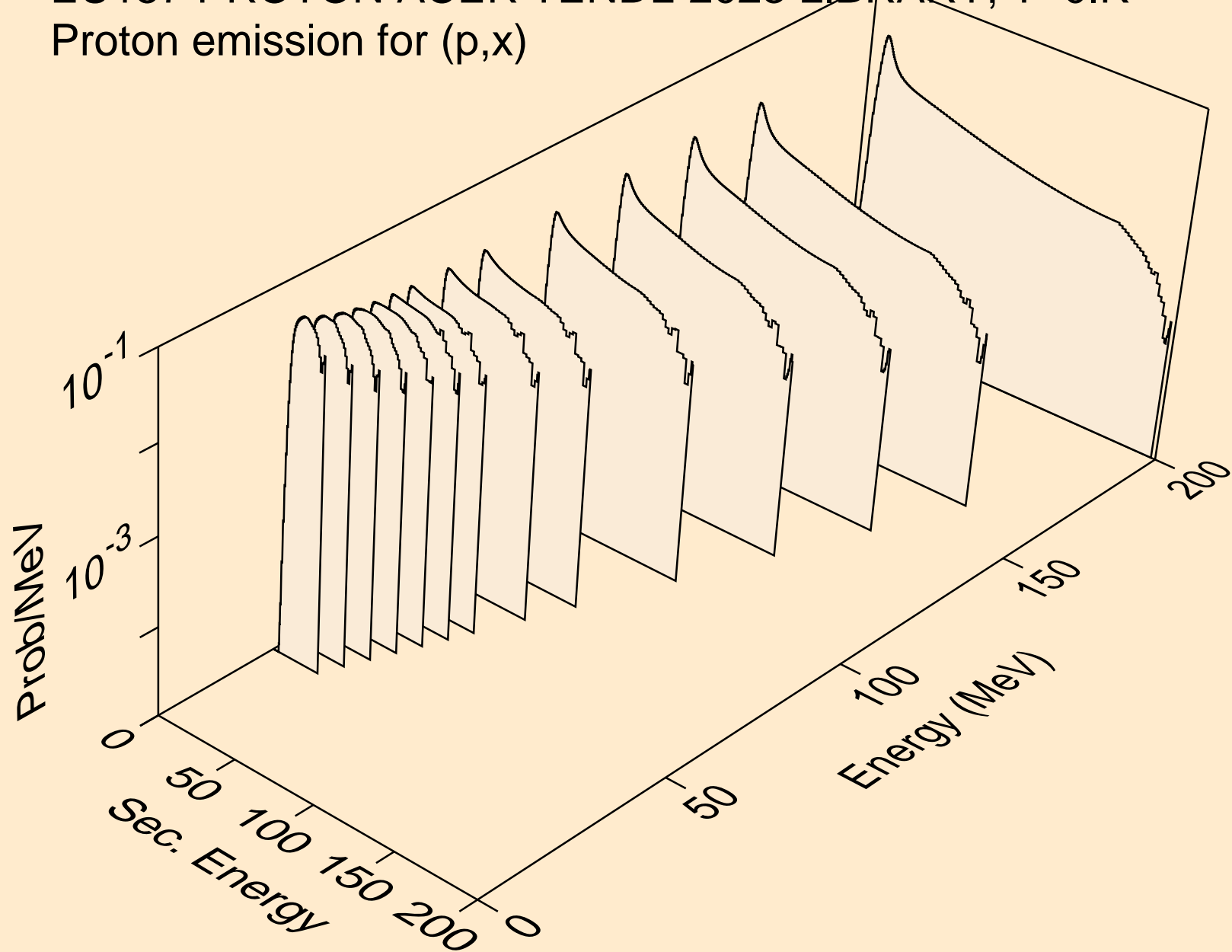




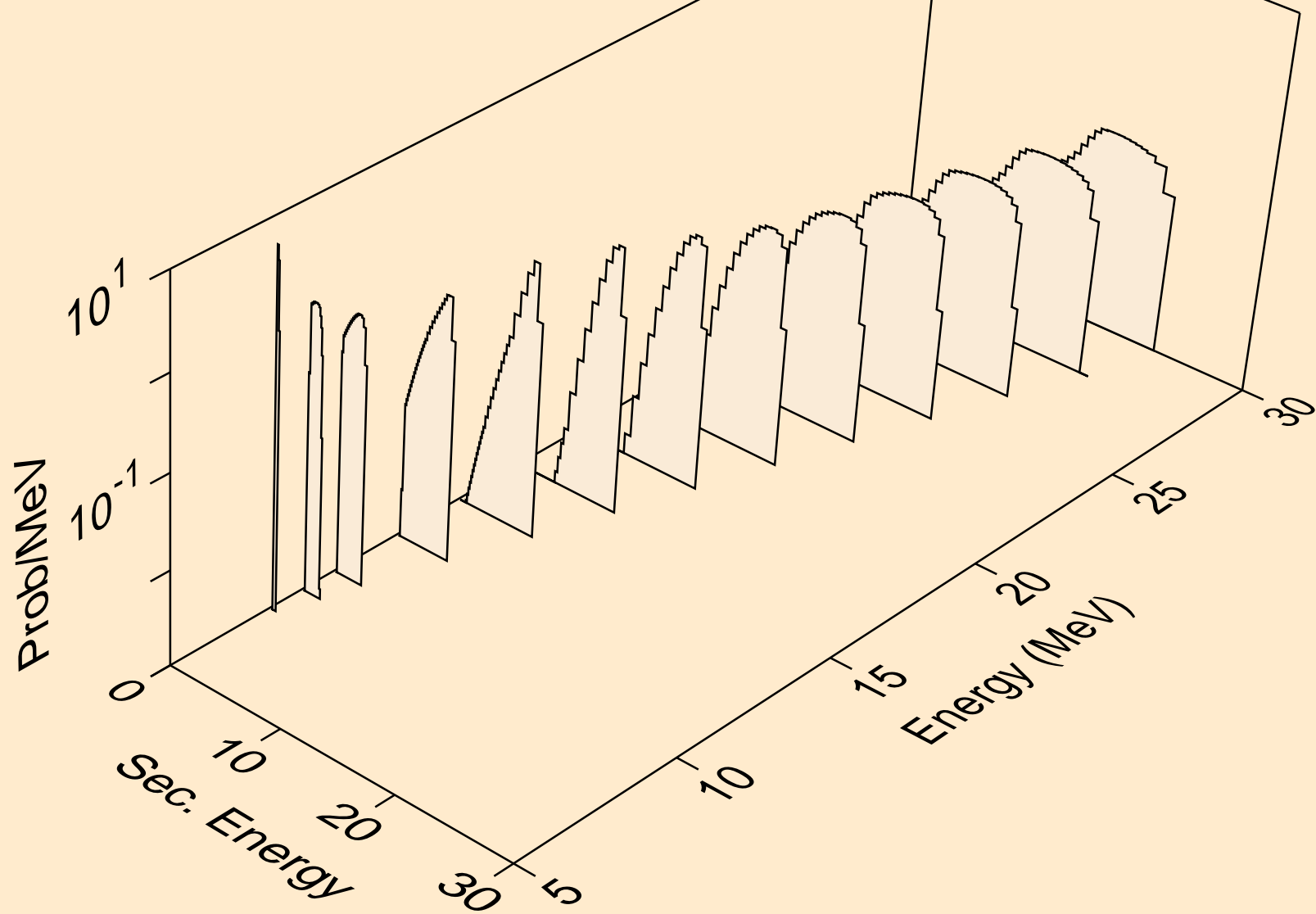
EU157 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



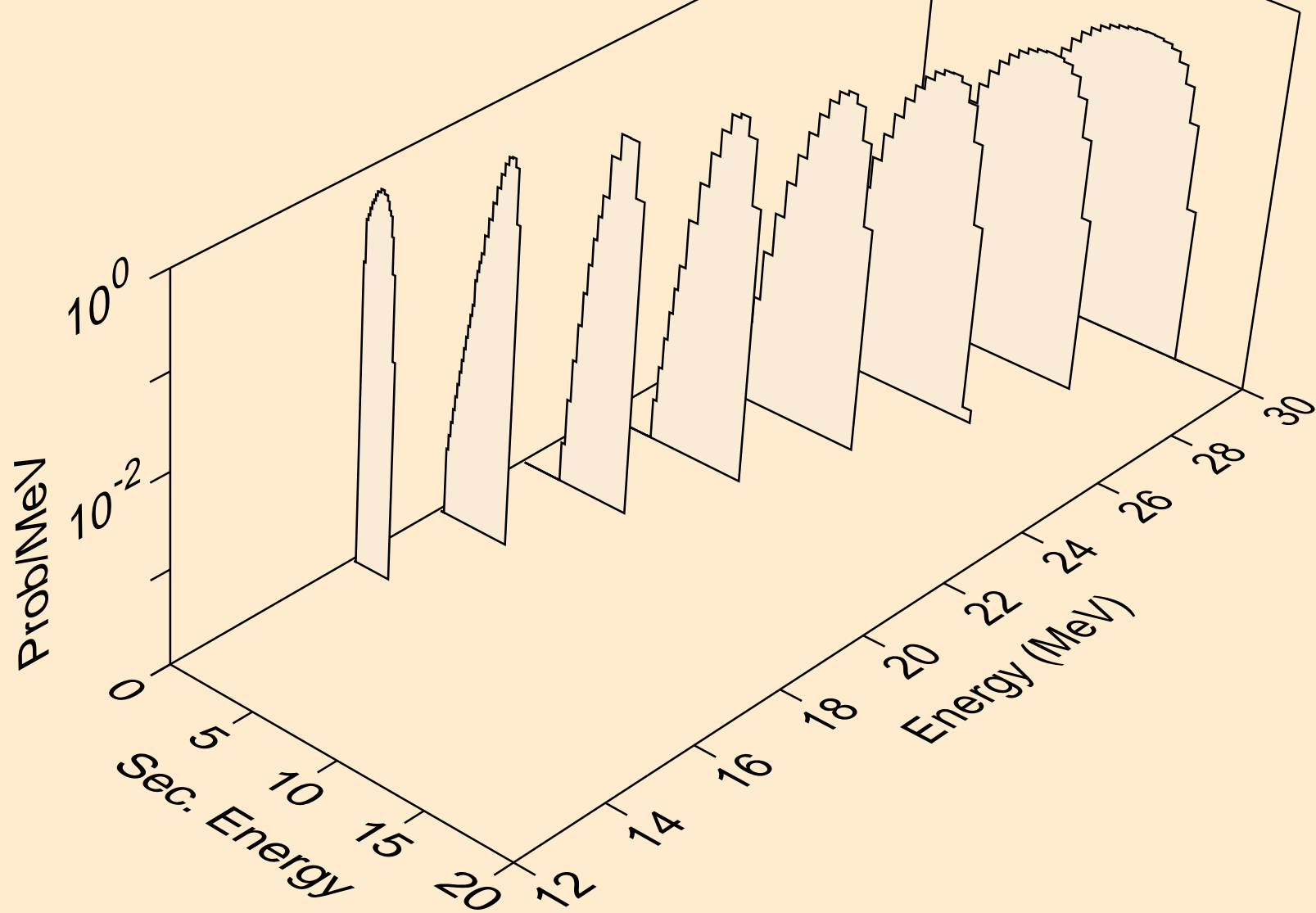
EU157 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,x)



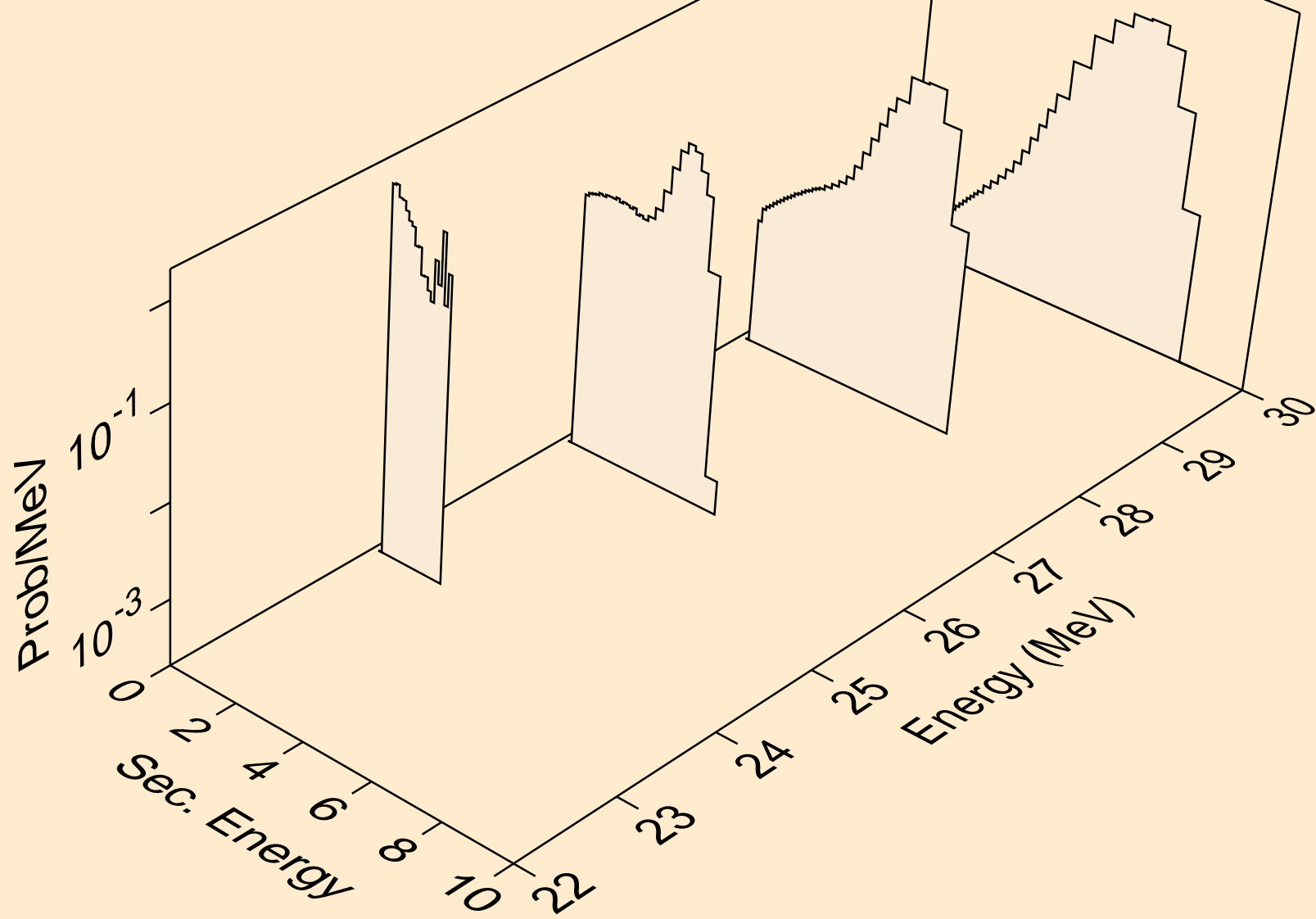
EU157 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n\*)p



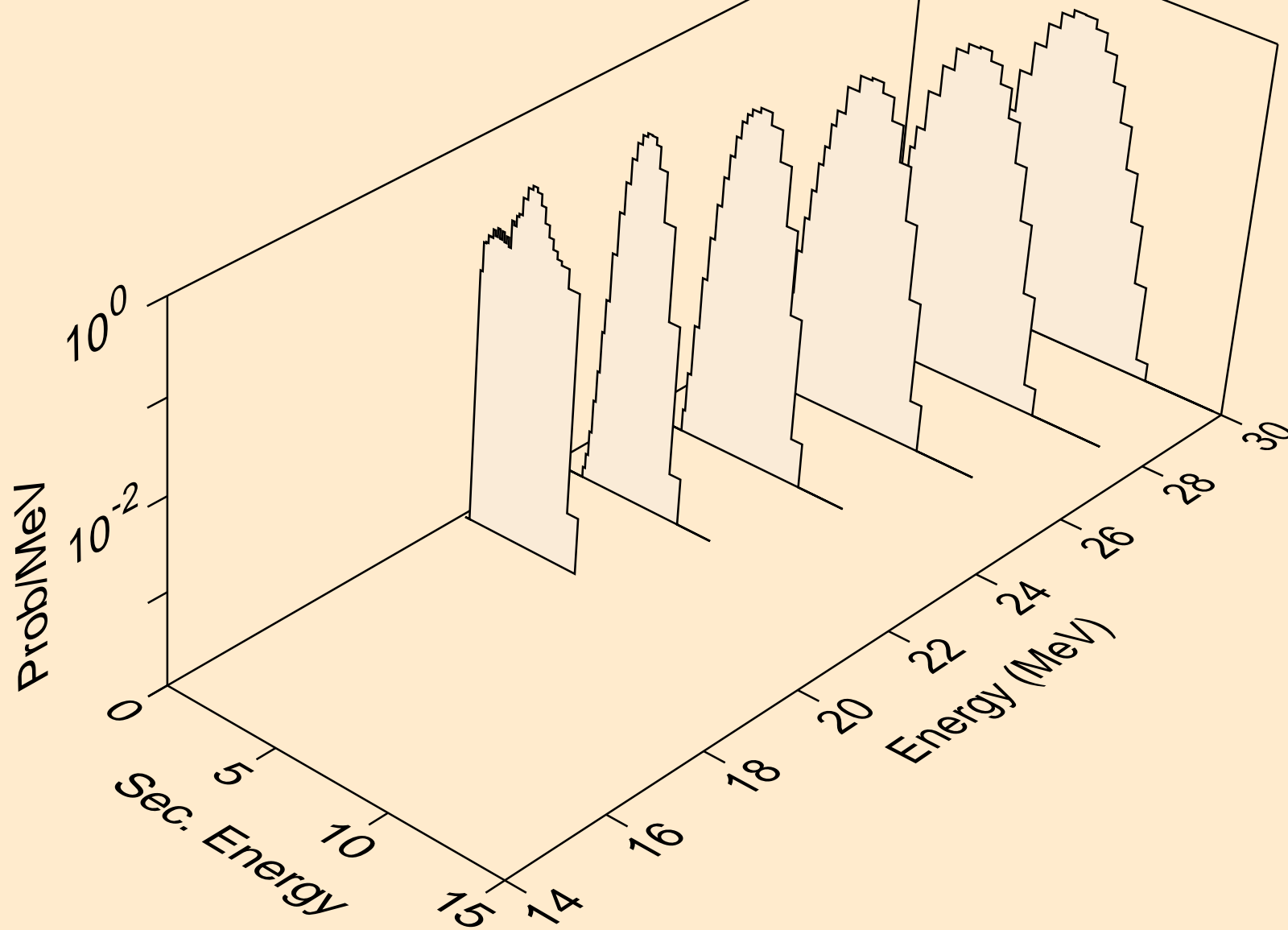
EU157 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2np)



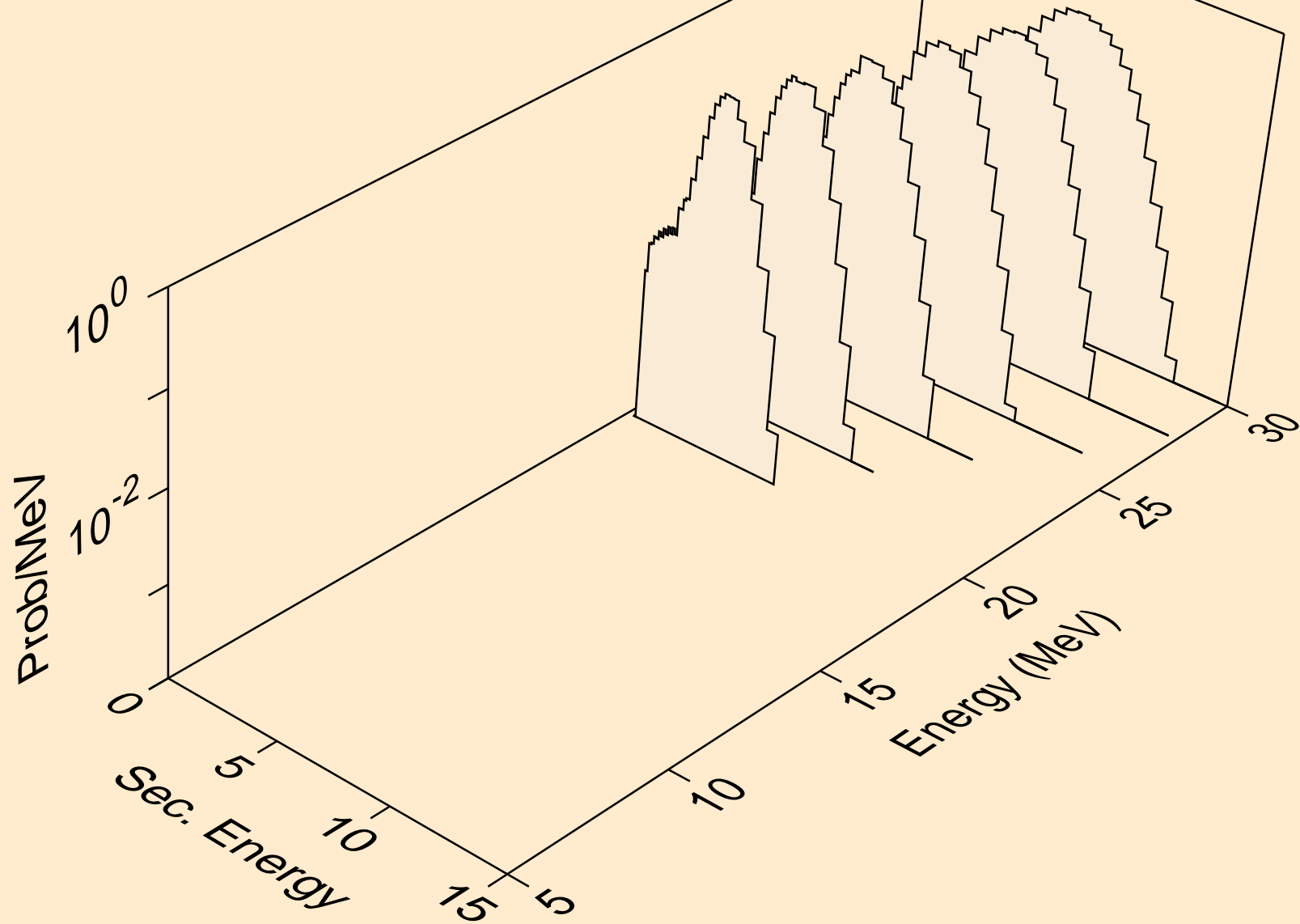
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Proton emission for (p,3np)



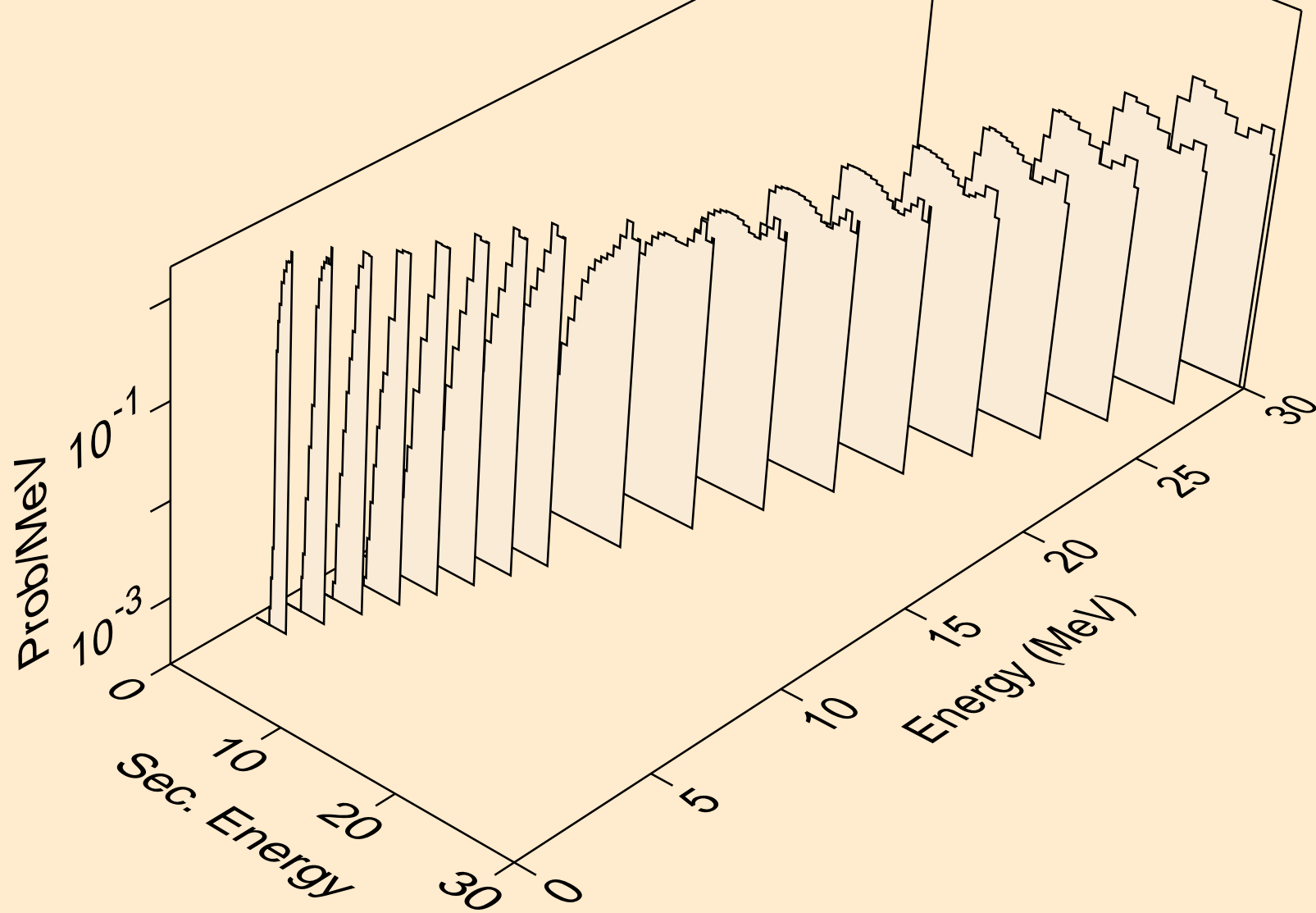
EU157 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n2p)



EU157 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,npa)

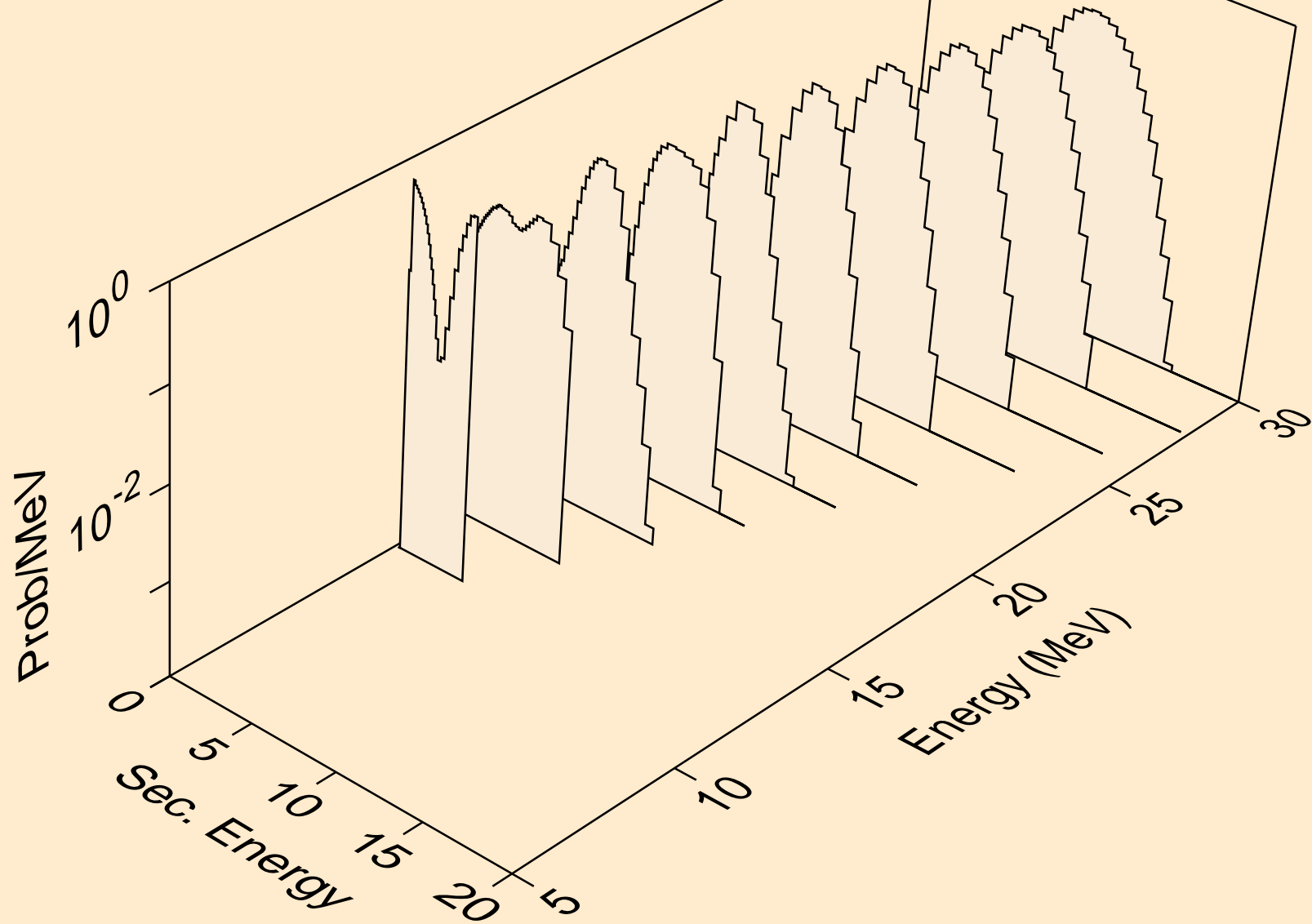


EU157 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for inelastic

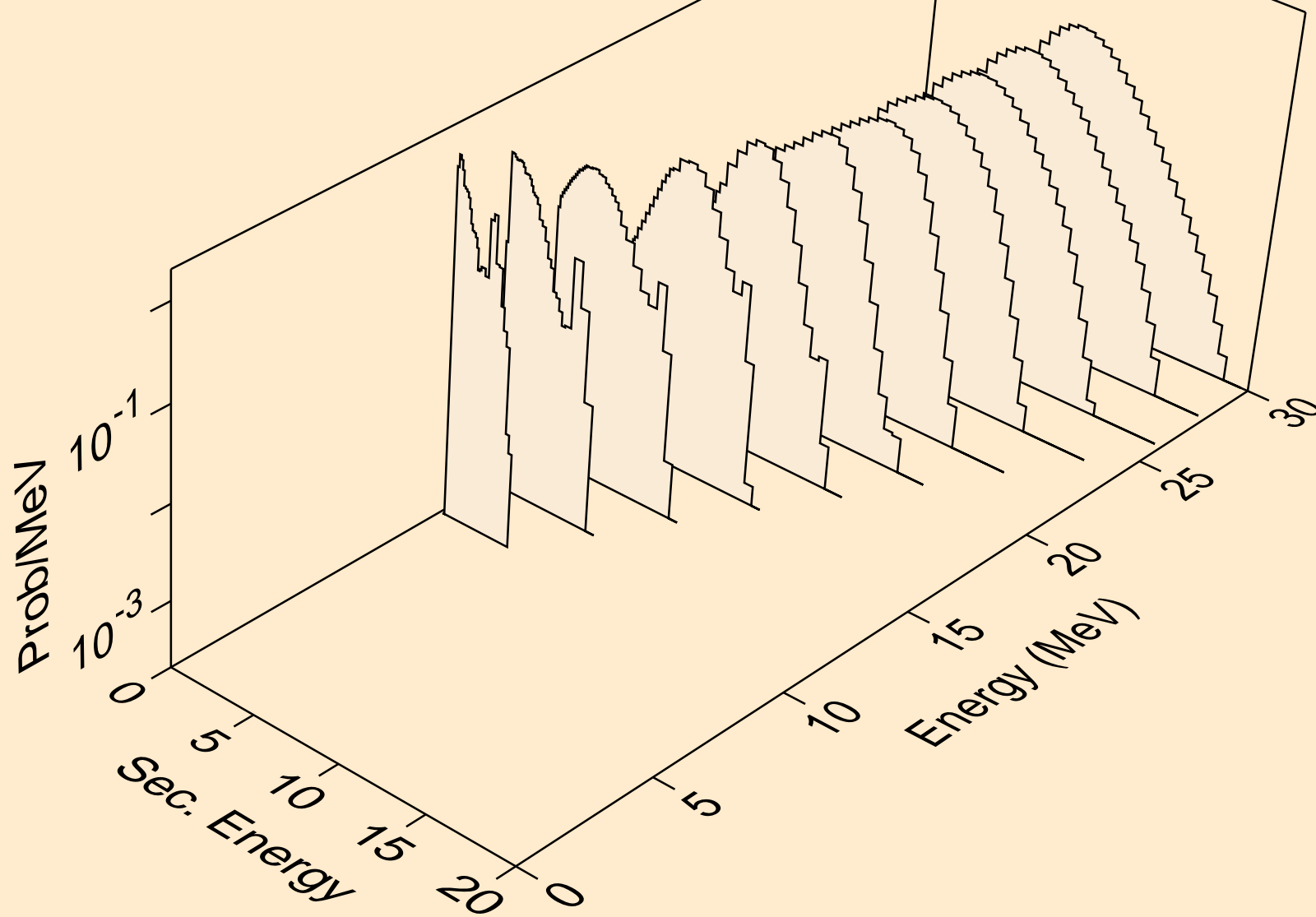




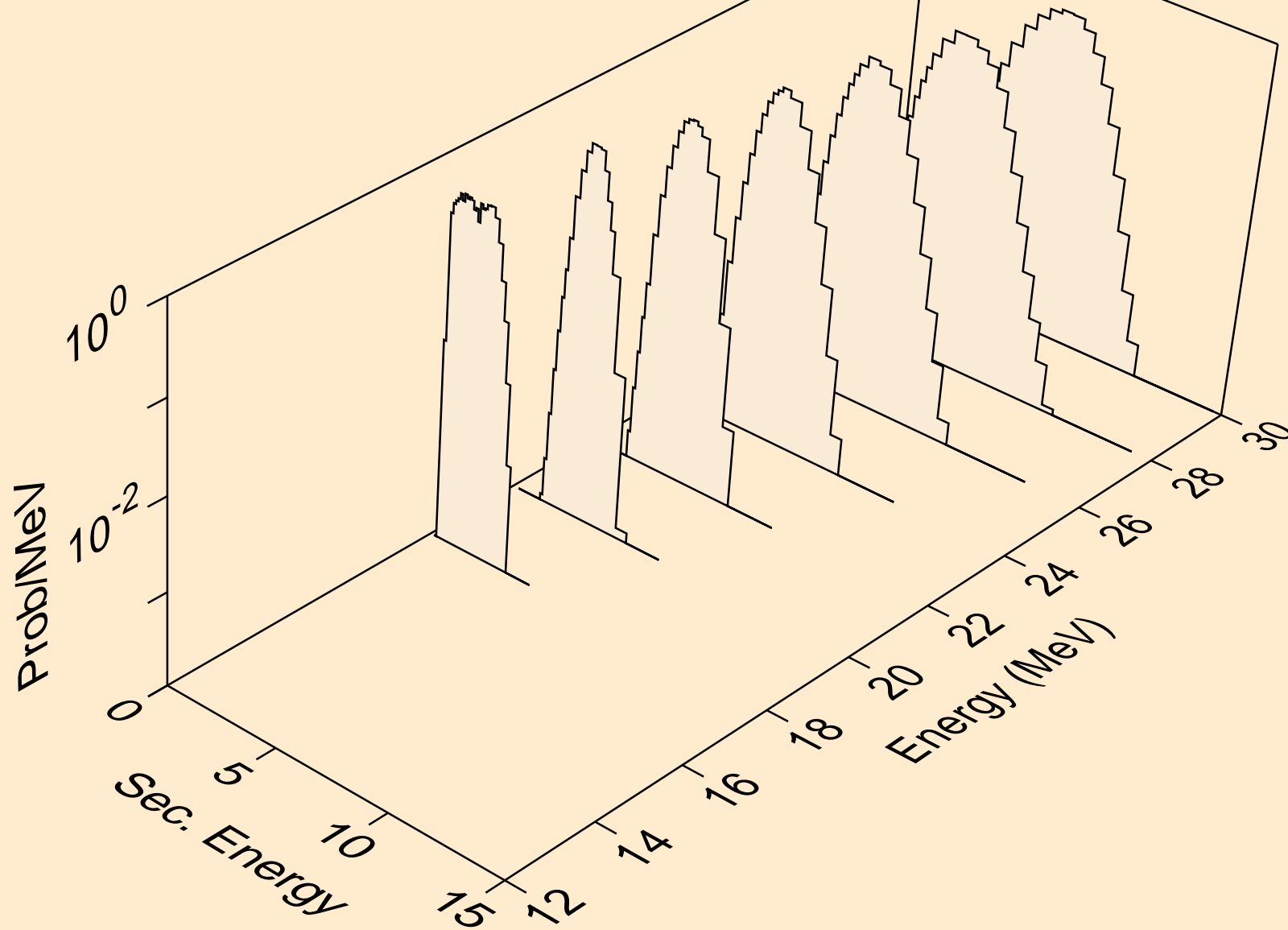
EU157 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2p)



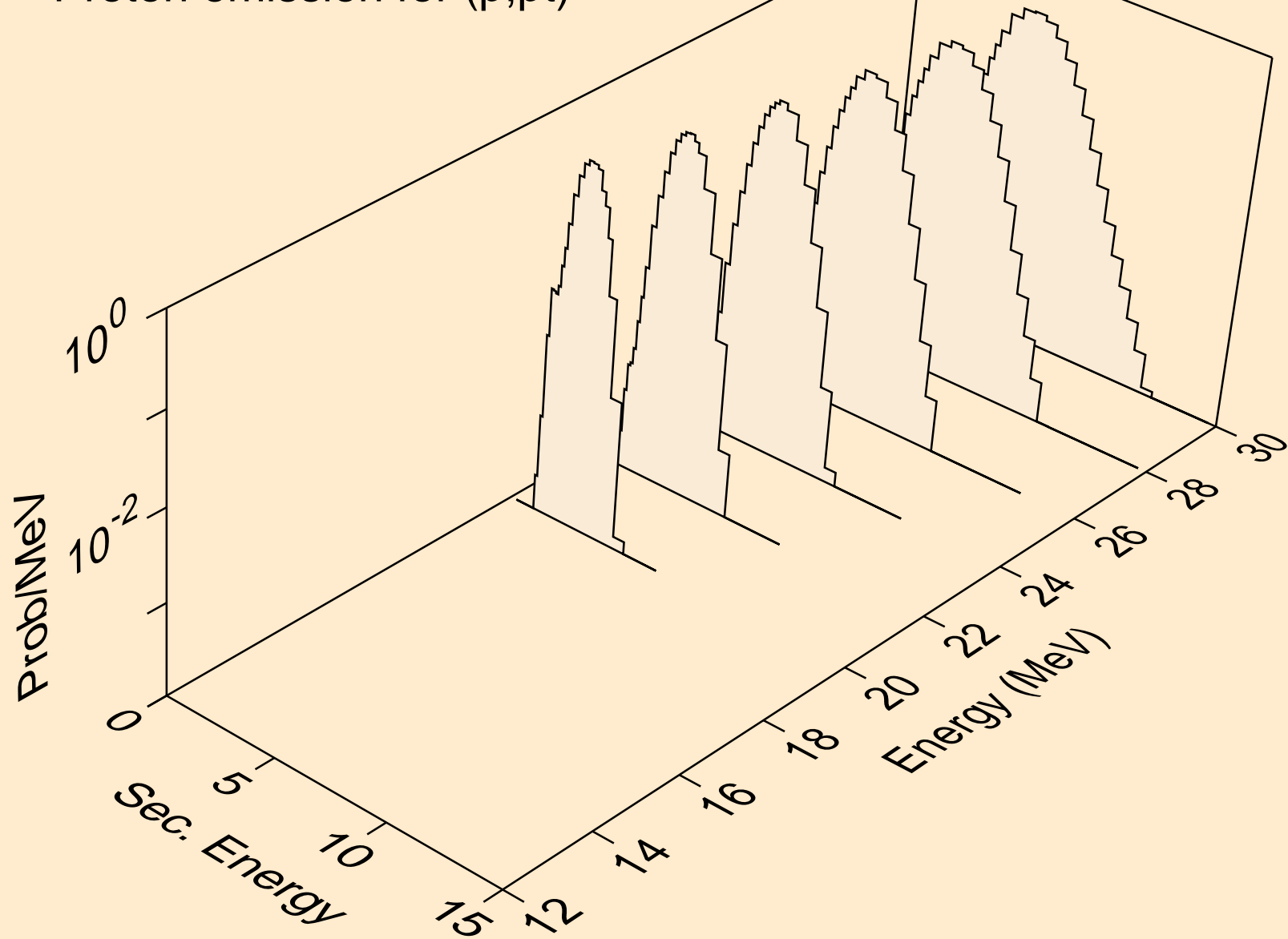
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Proton emission for (p,pa)



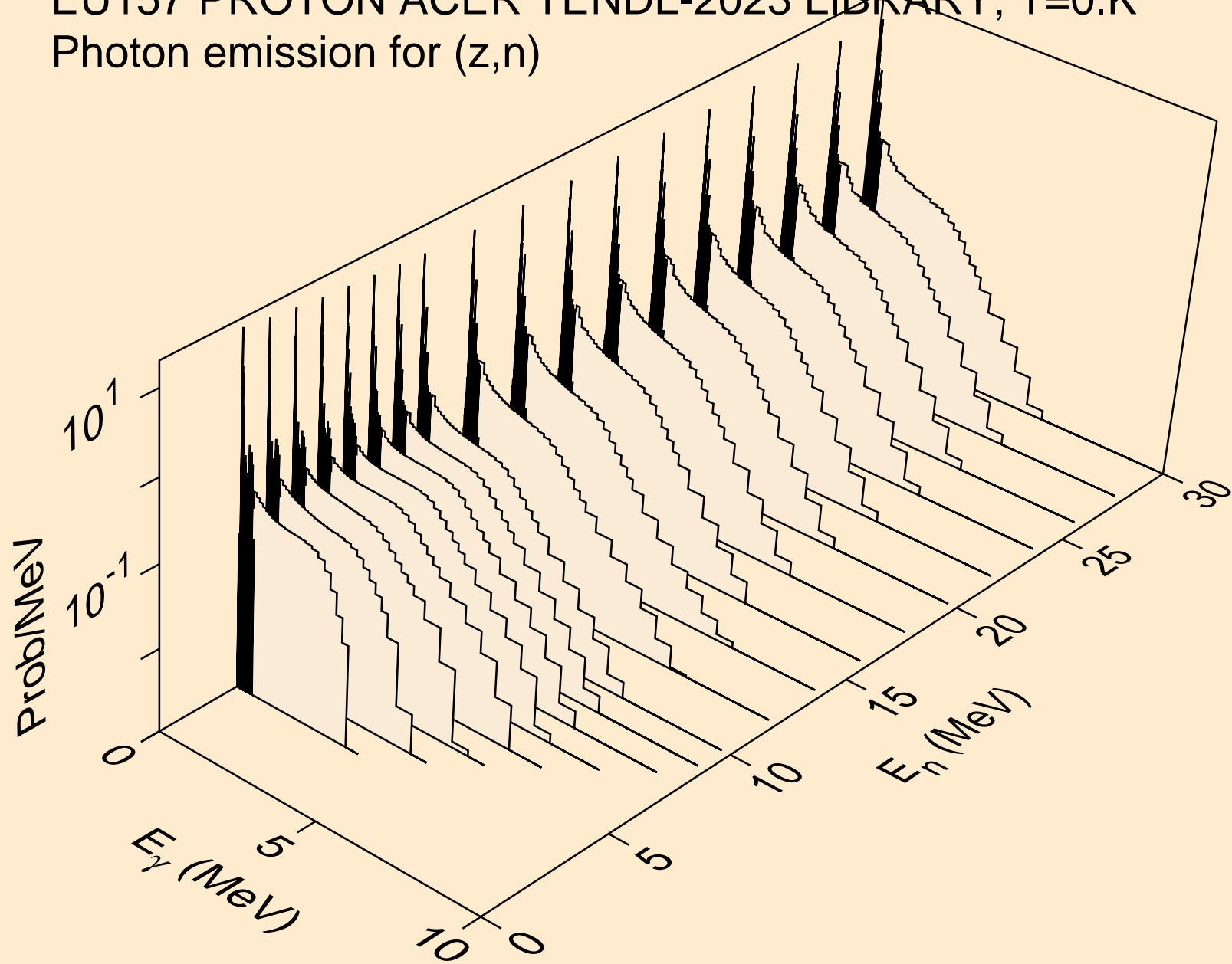
EU157 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pd)



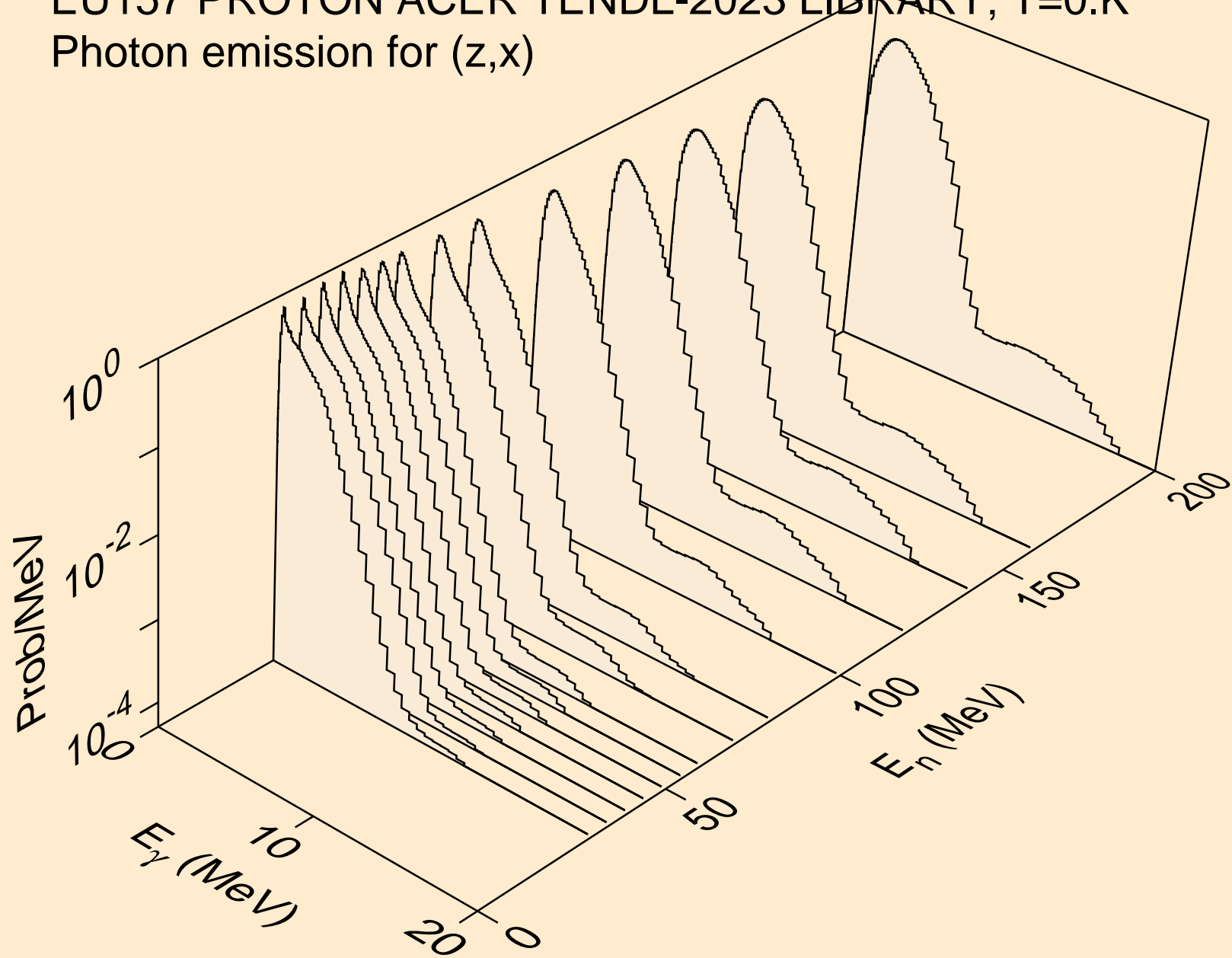
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Proton emission for (p,pt)



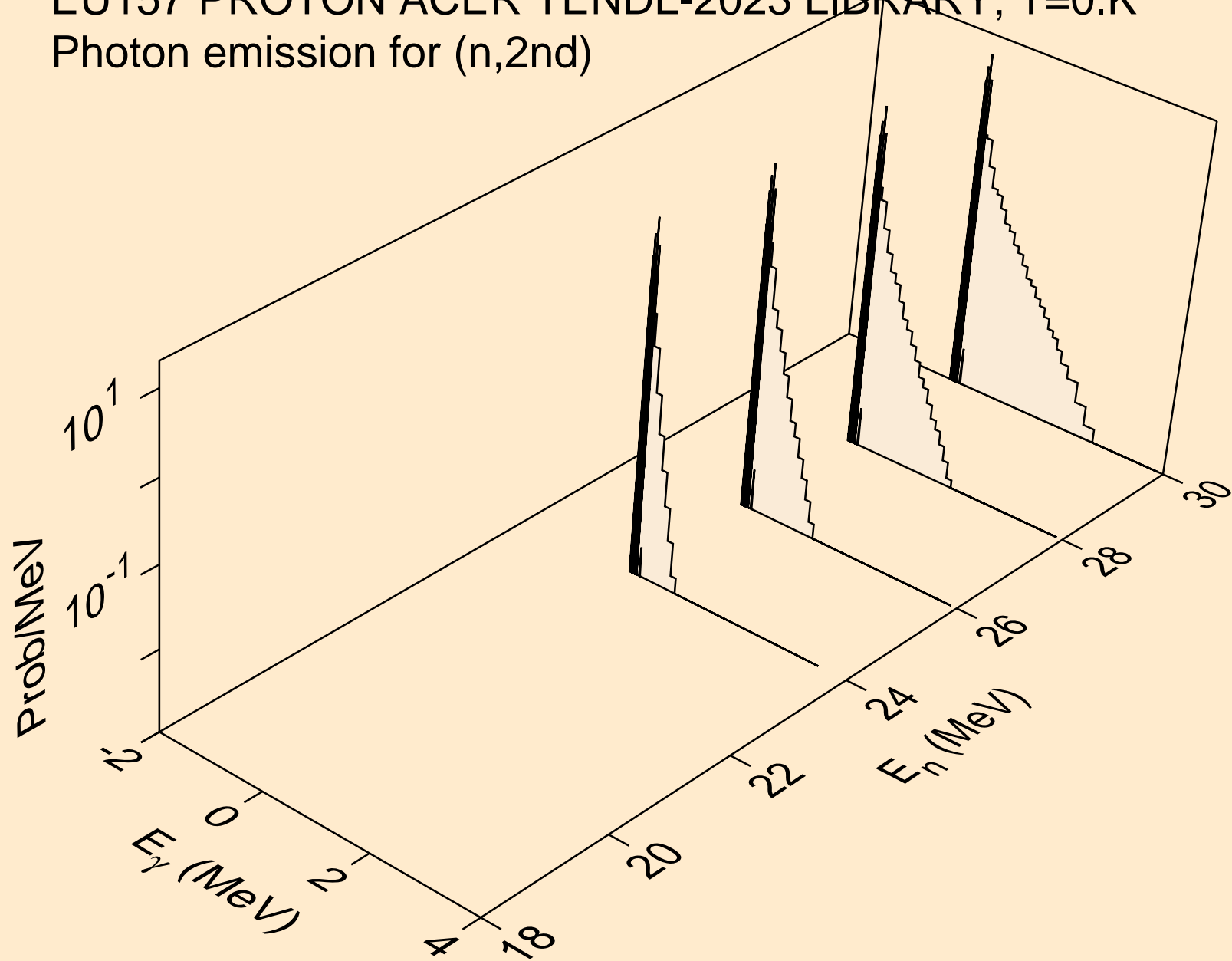
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Photon emission for (z,n)



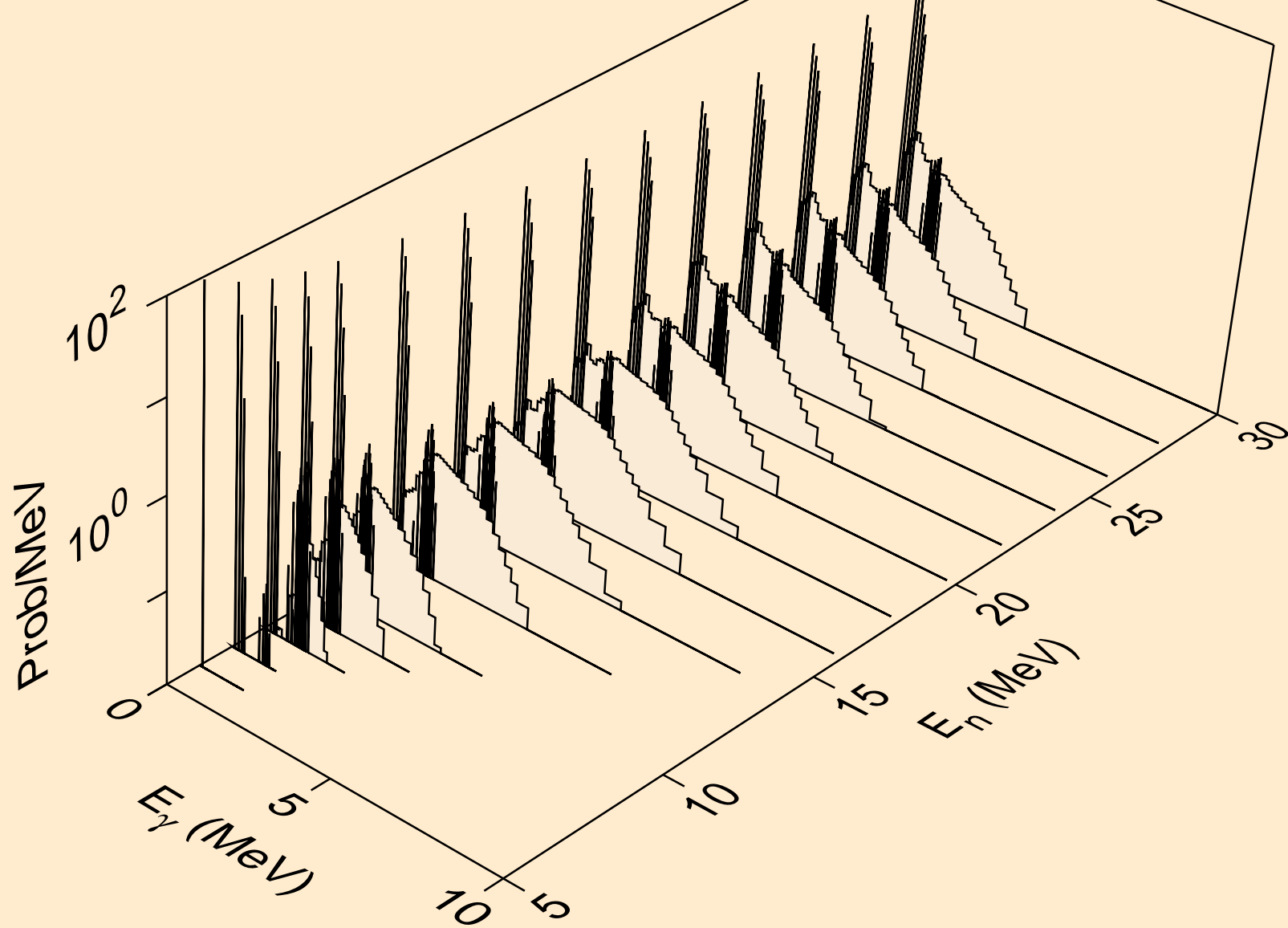
EU157 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



EU157 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)

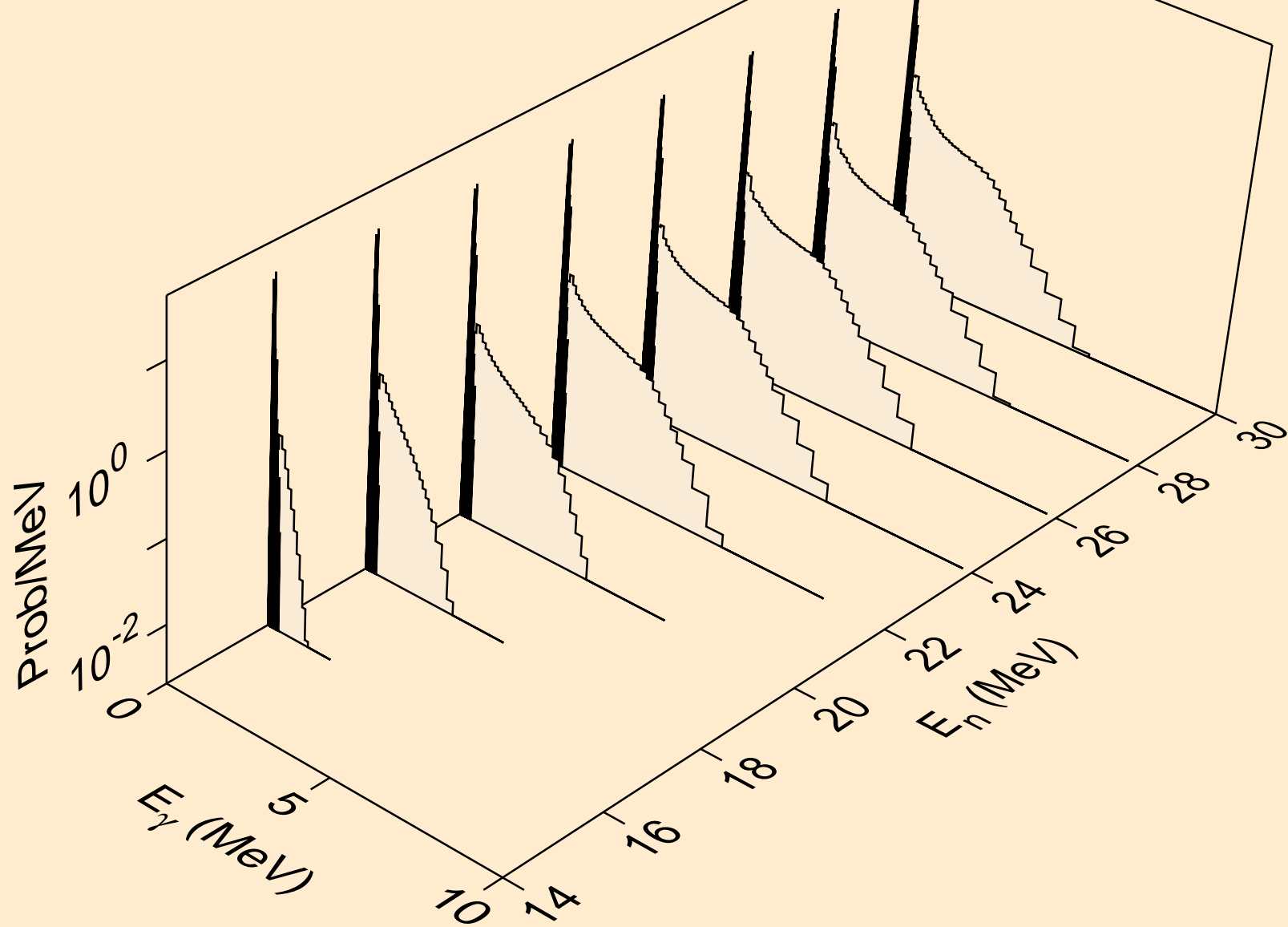


EU157 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)

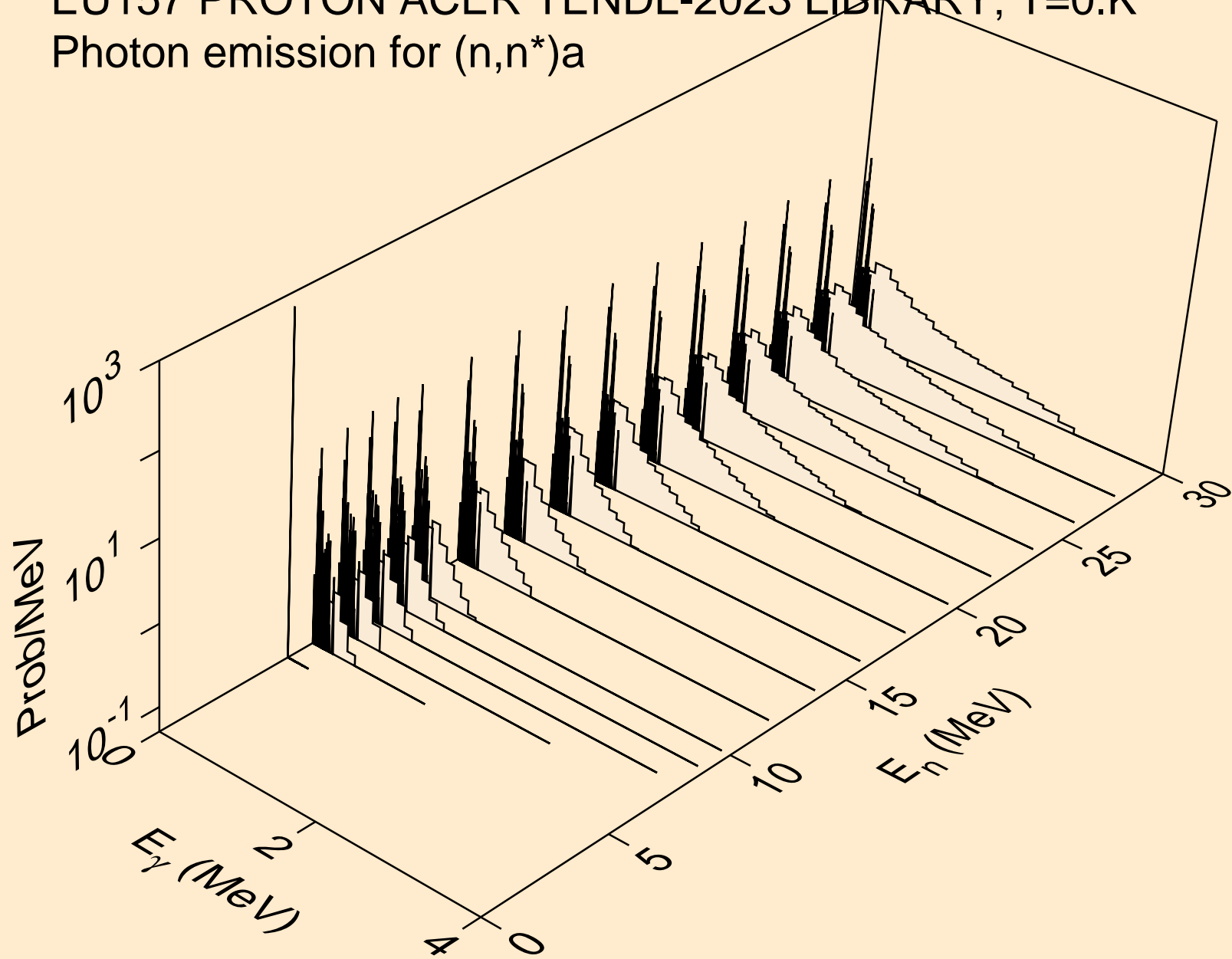




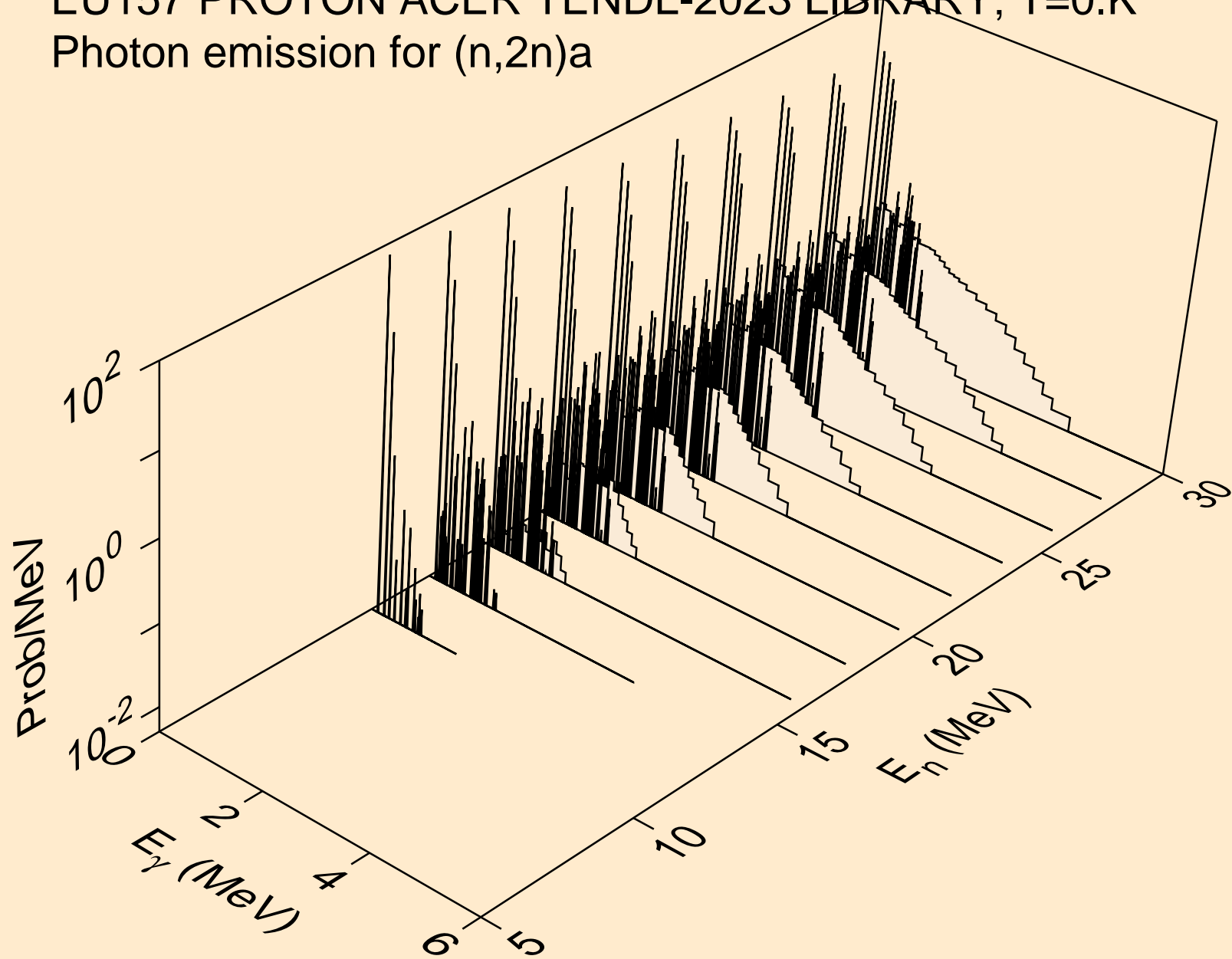
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Photon emission for (n,3n)



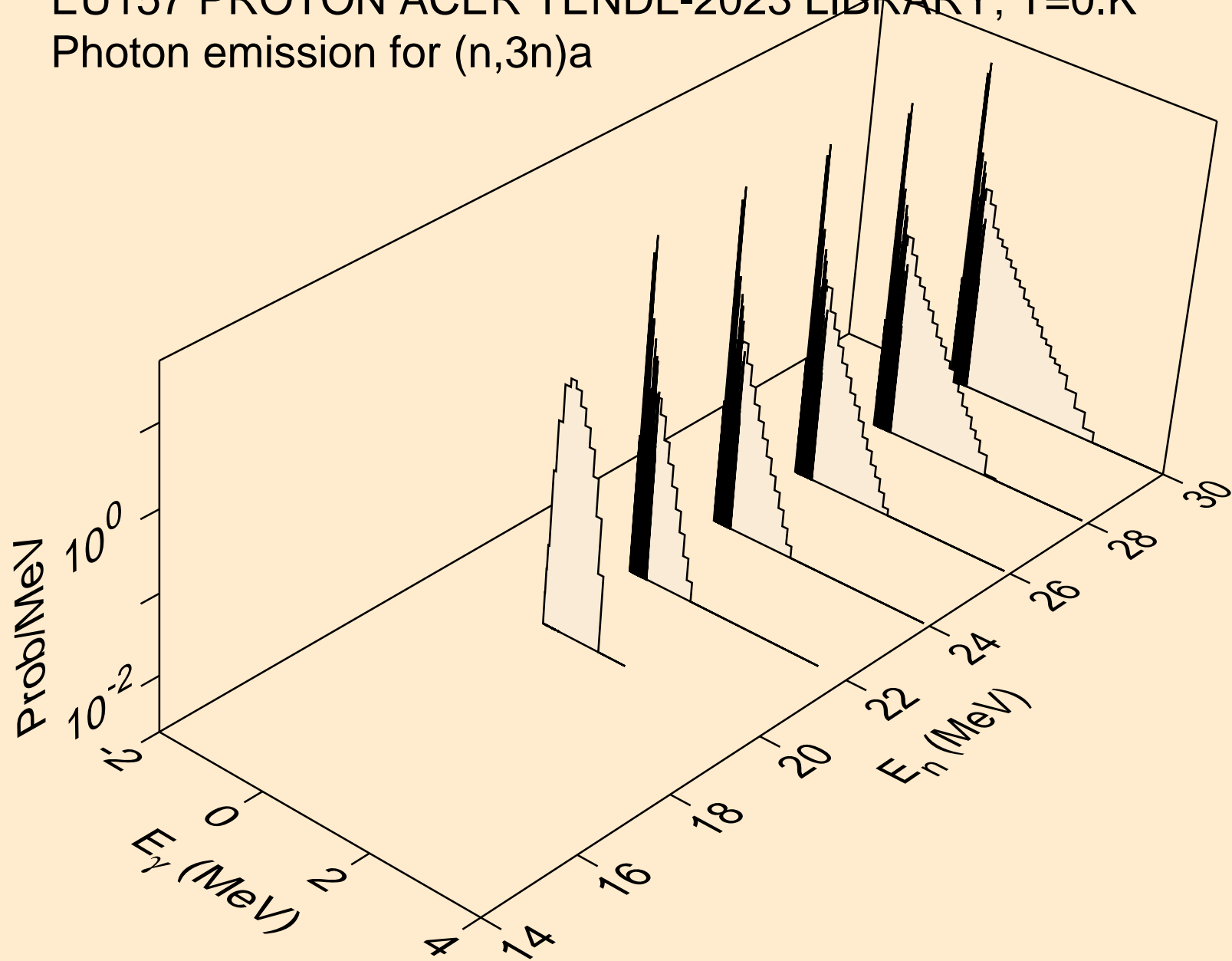
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Photon emission for (n,n\*)a



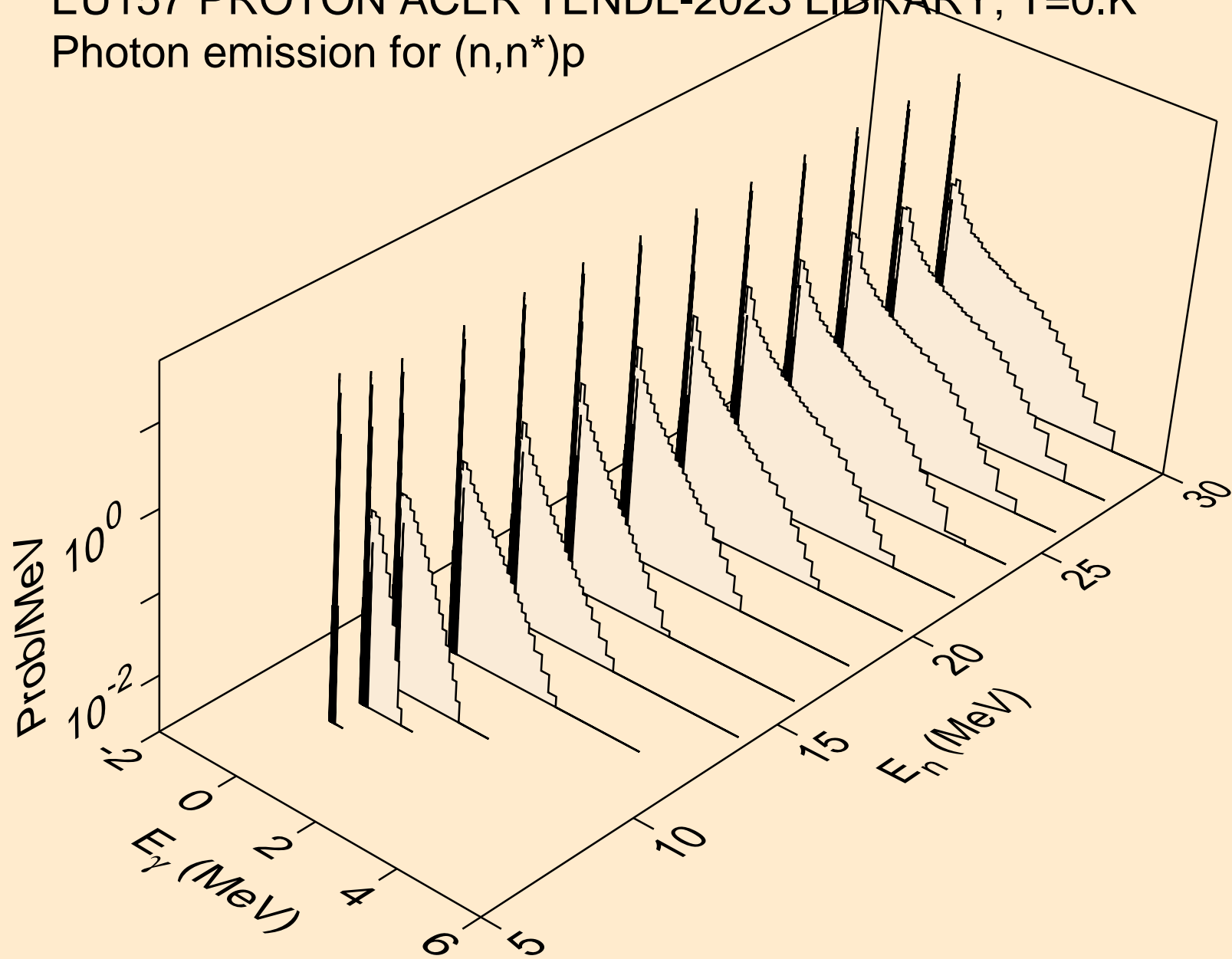
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Photon emission for (n,2n)a



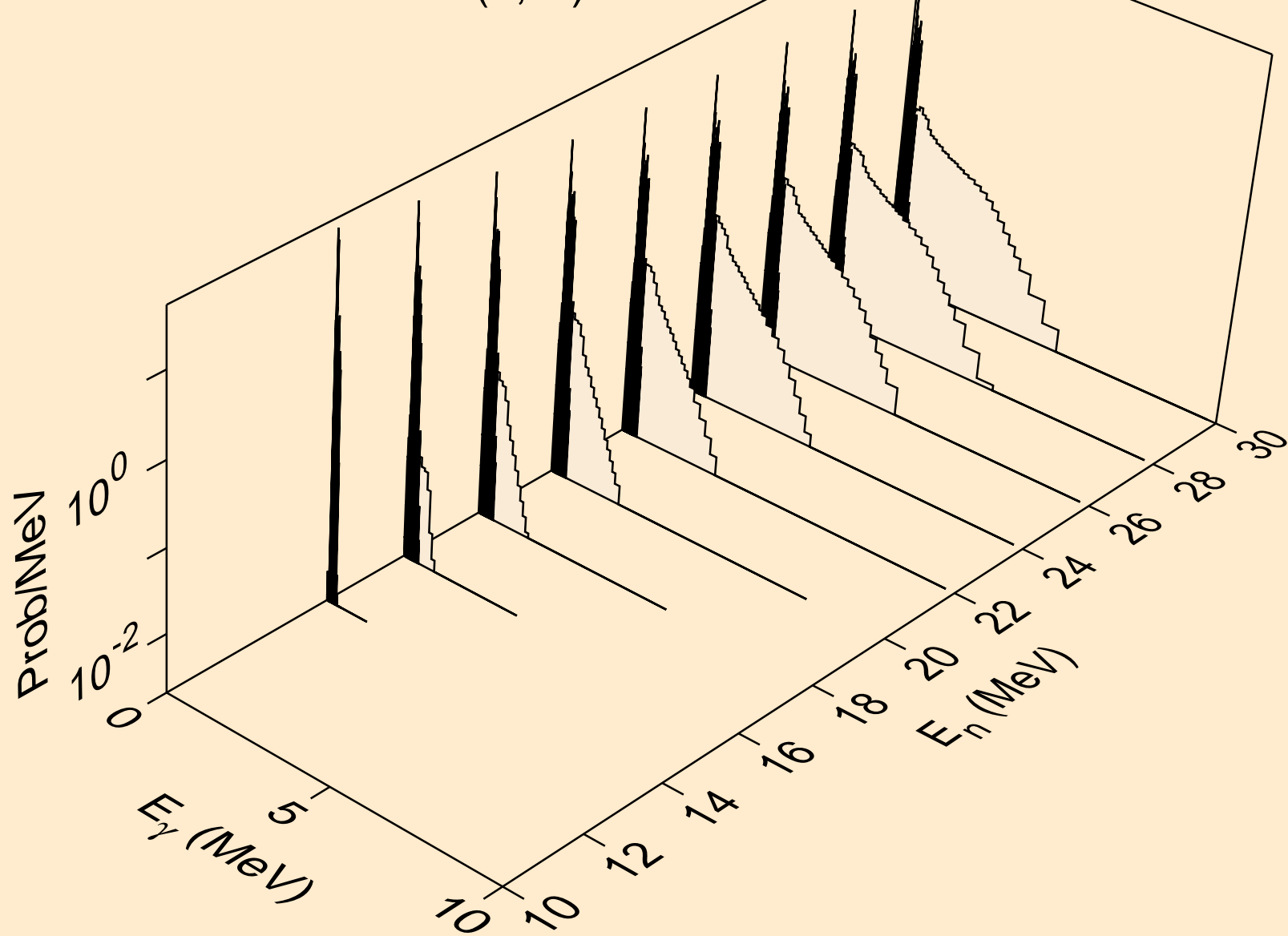
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Photon emission for (n,3n)a



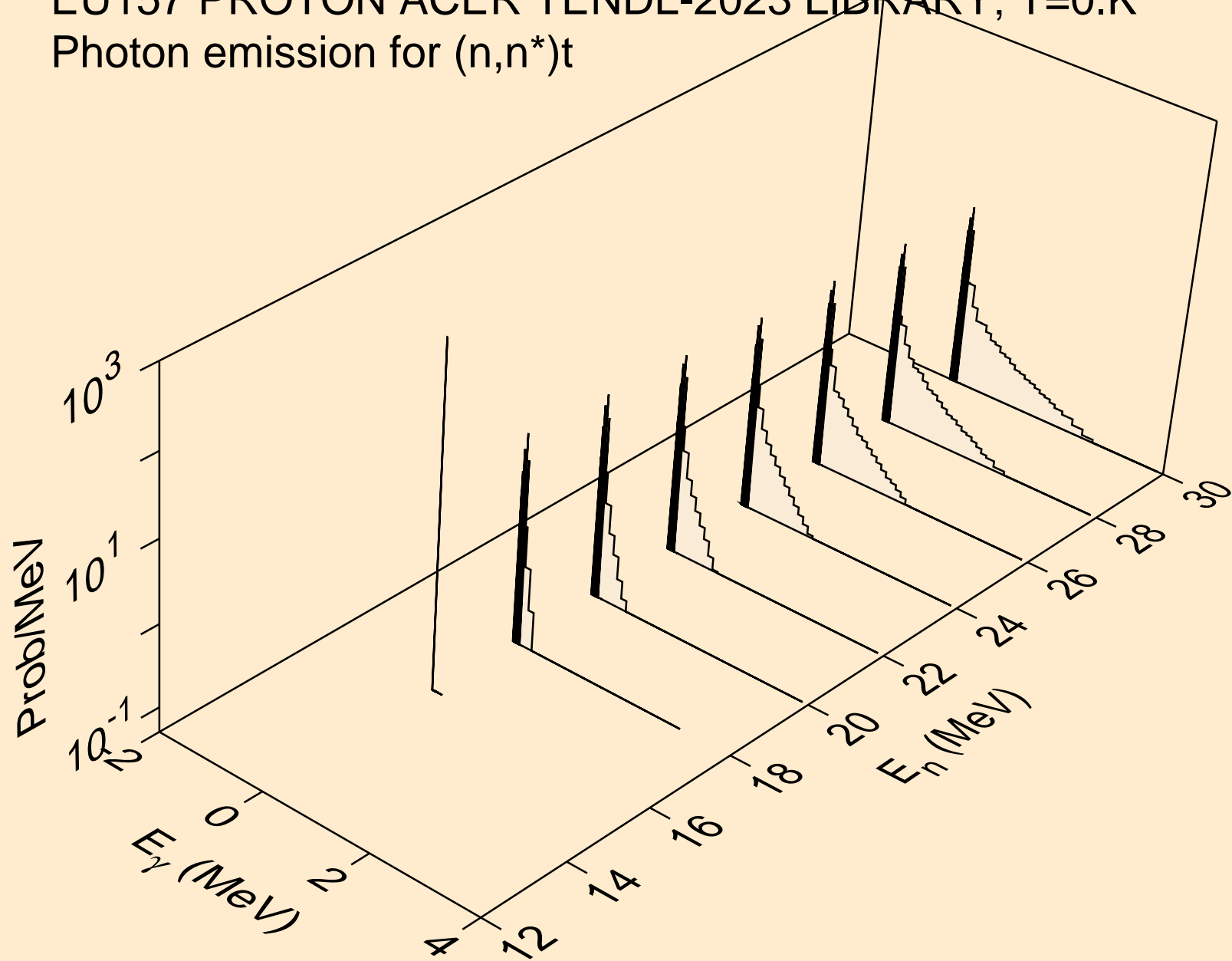
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Photon emission for (n,n\*)p



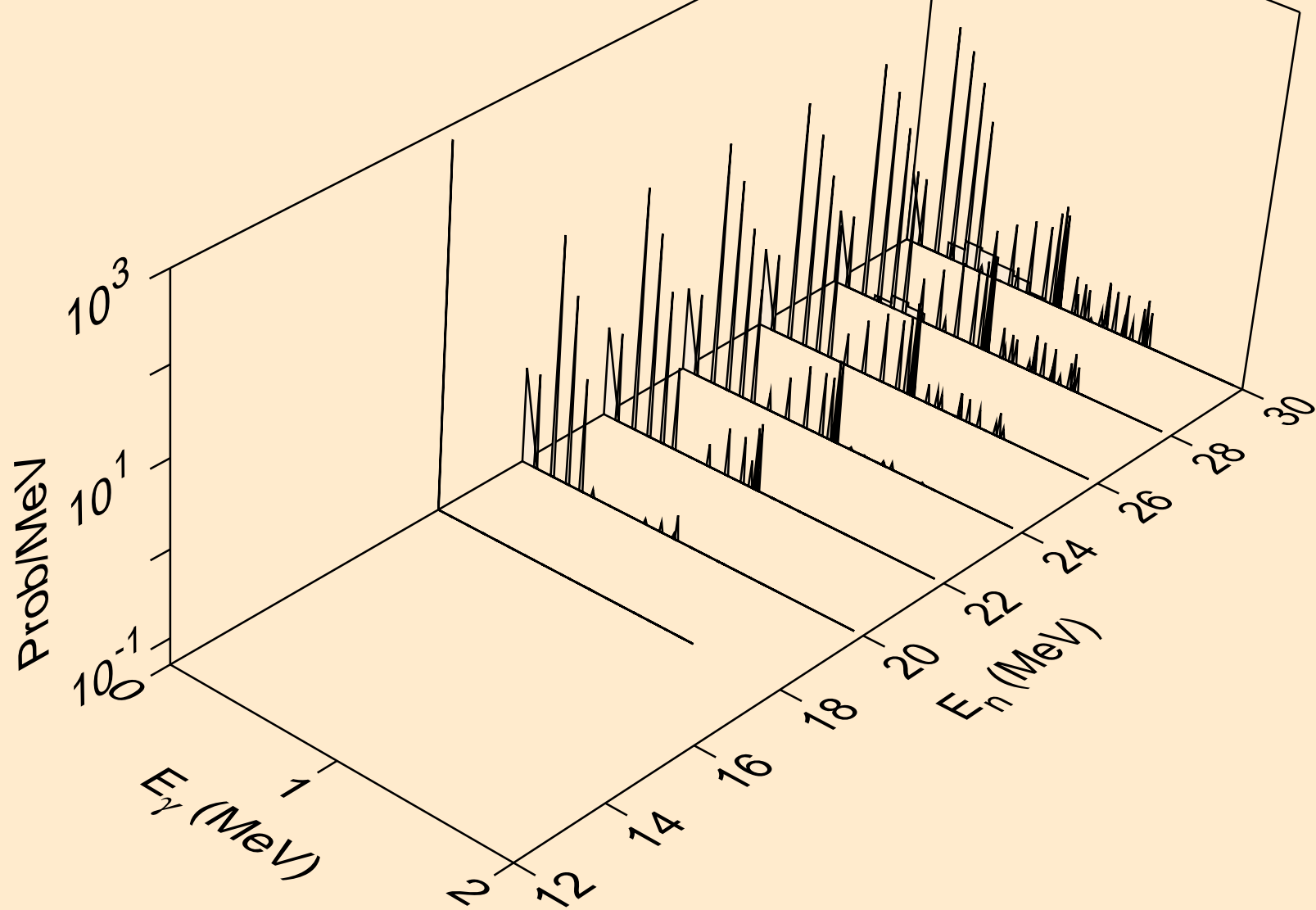
EU157 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



EU157 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t

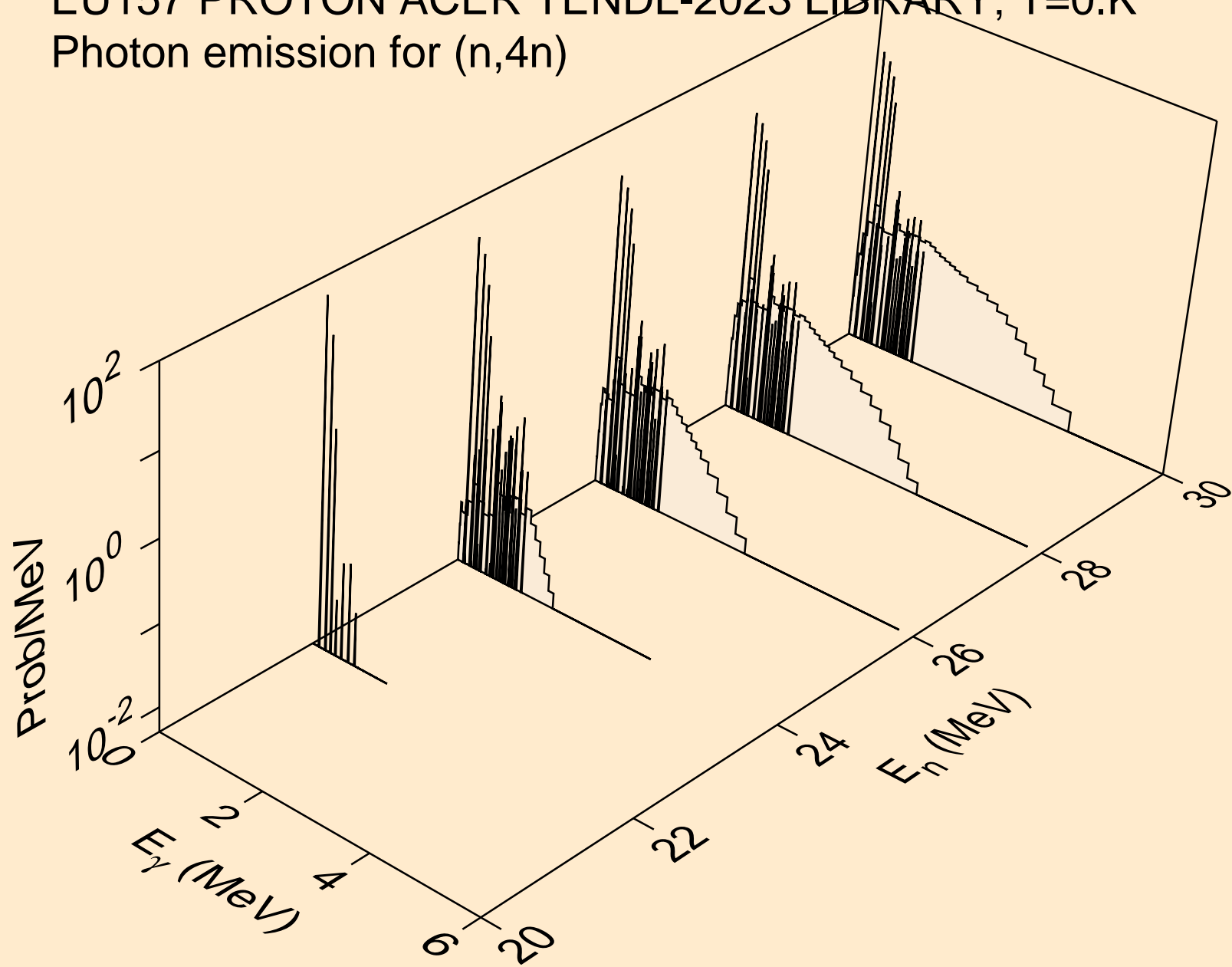


EU157 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3

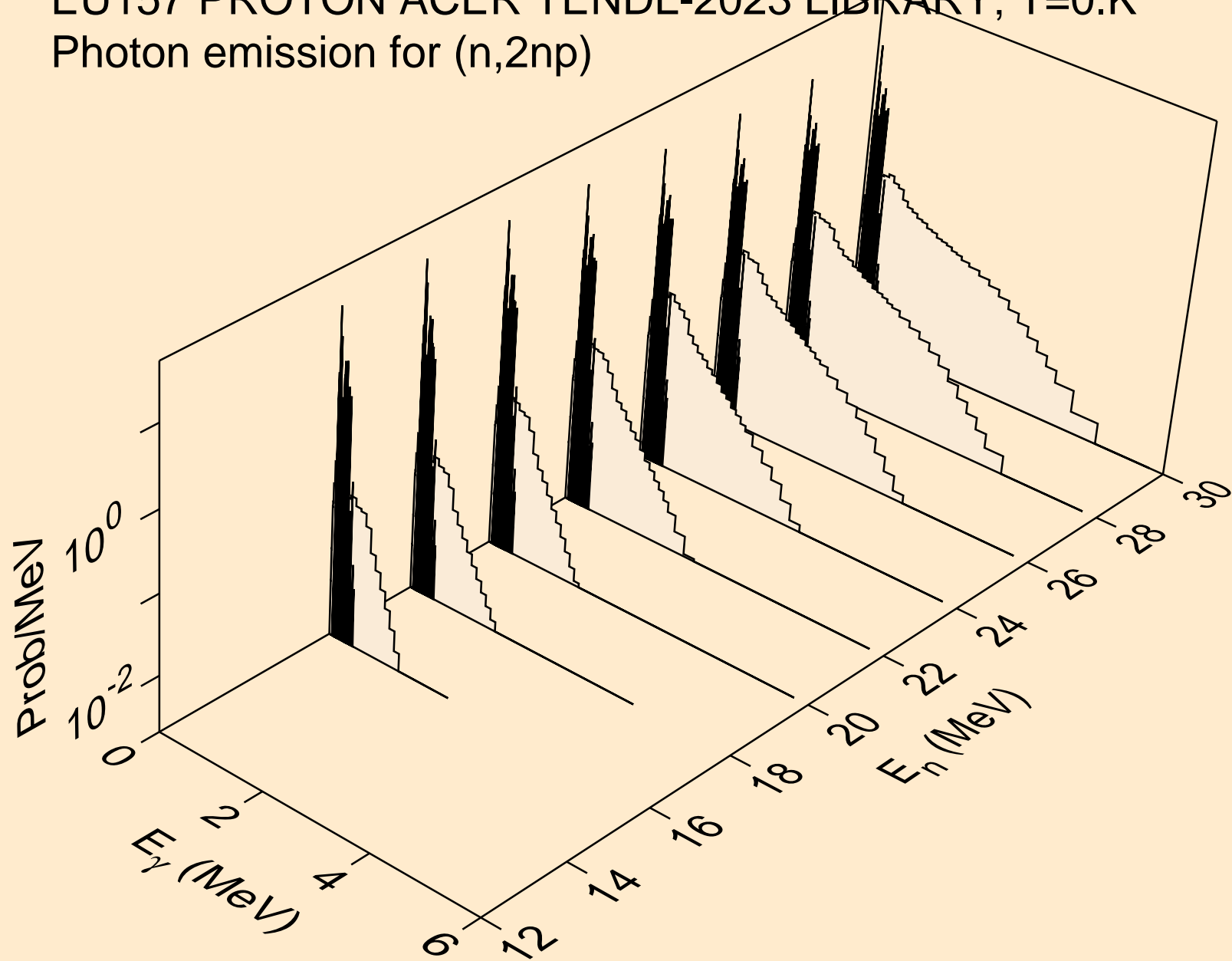




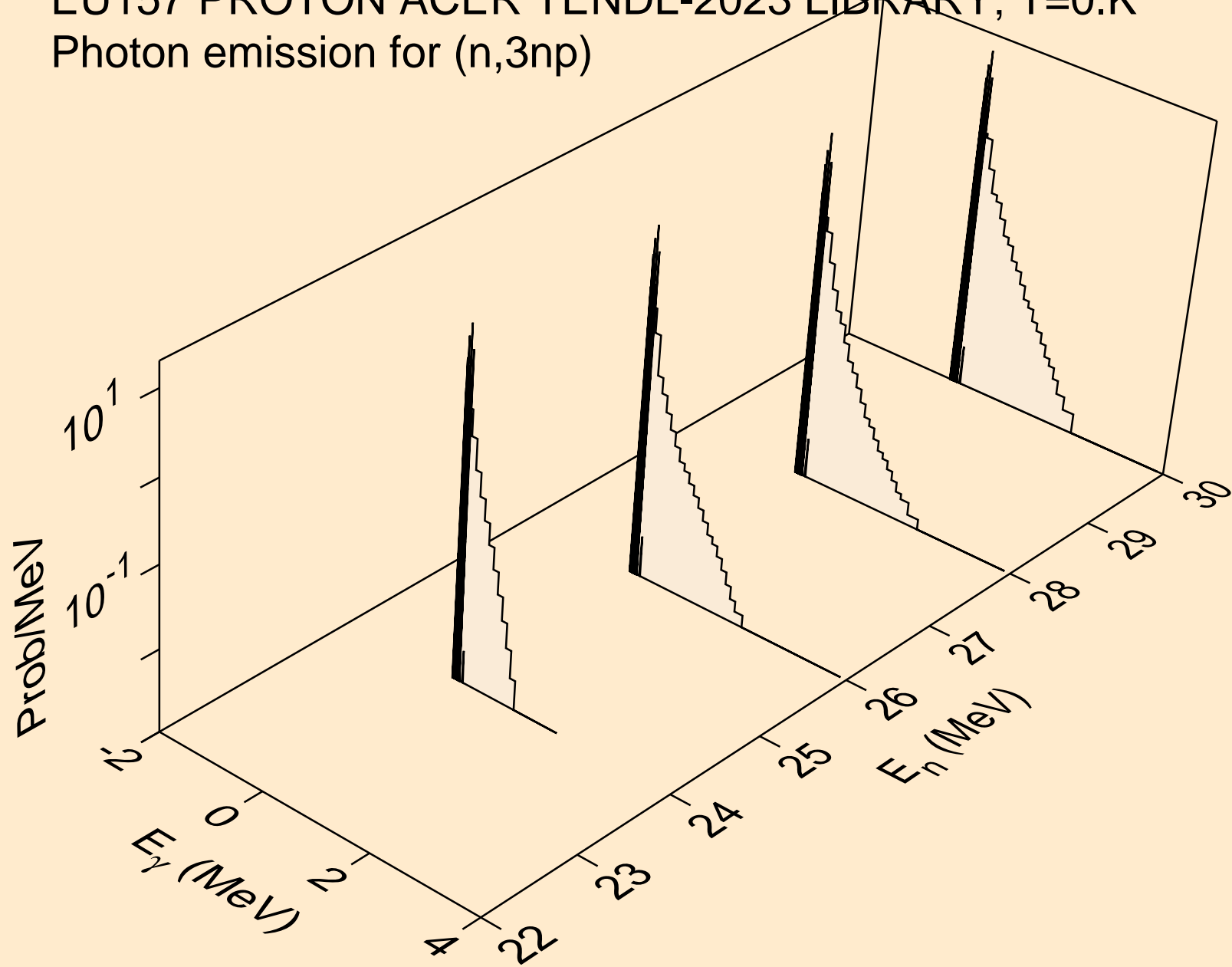
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Photon emission for (n,4n)



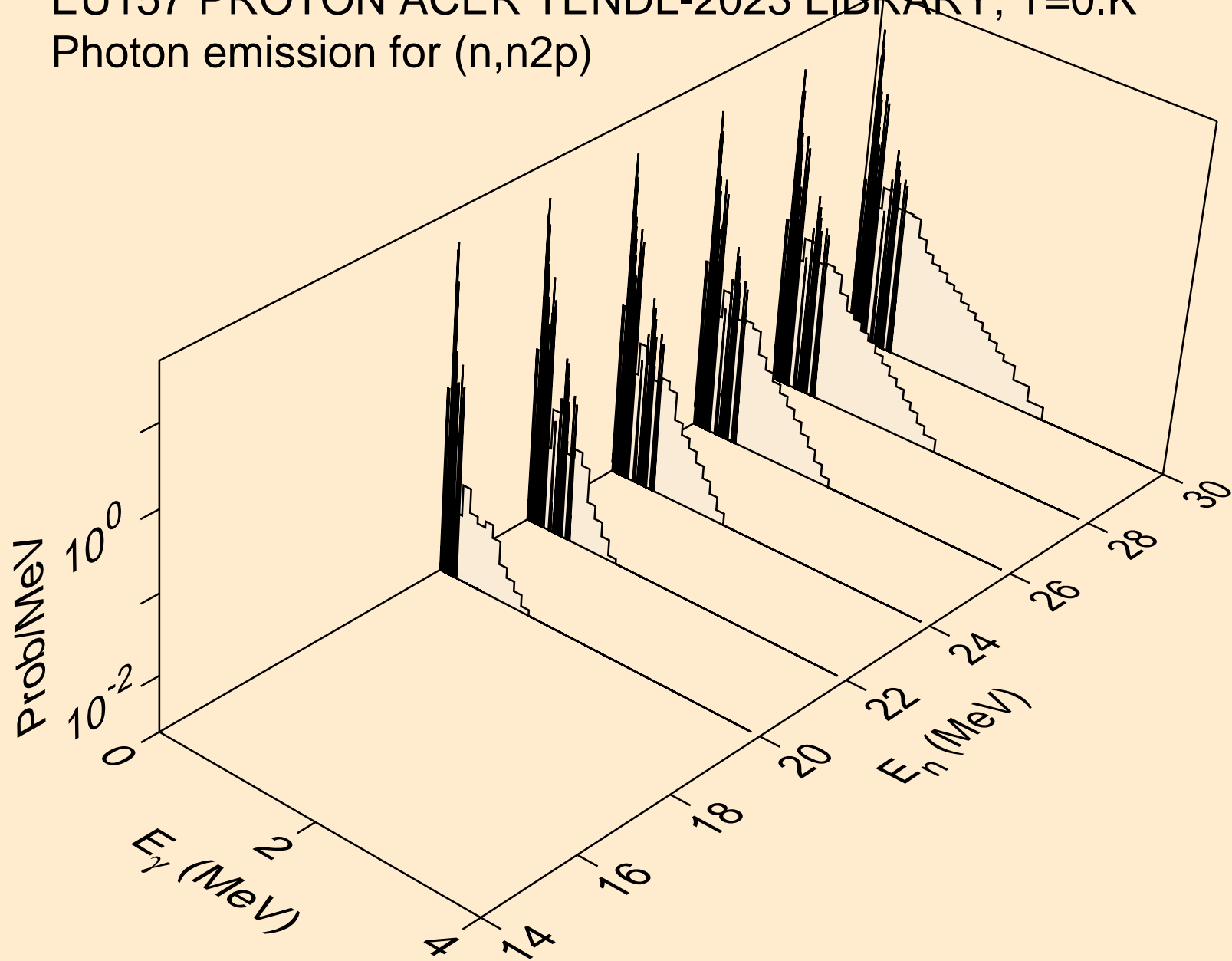
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Photon emission for (n,2np)



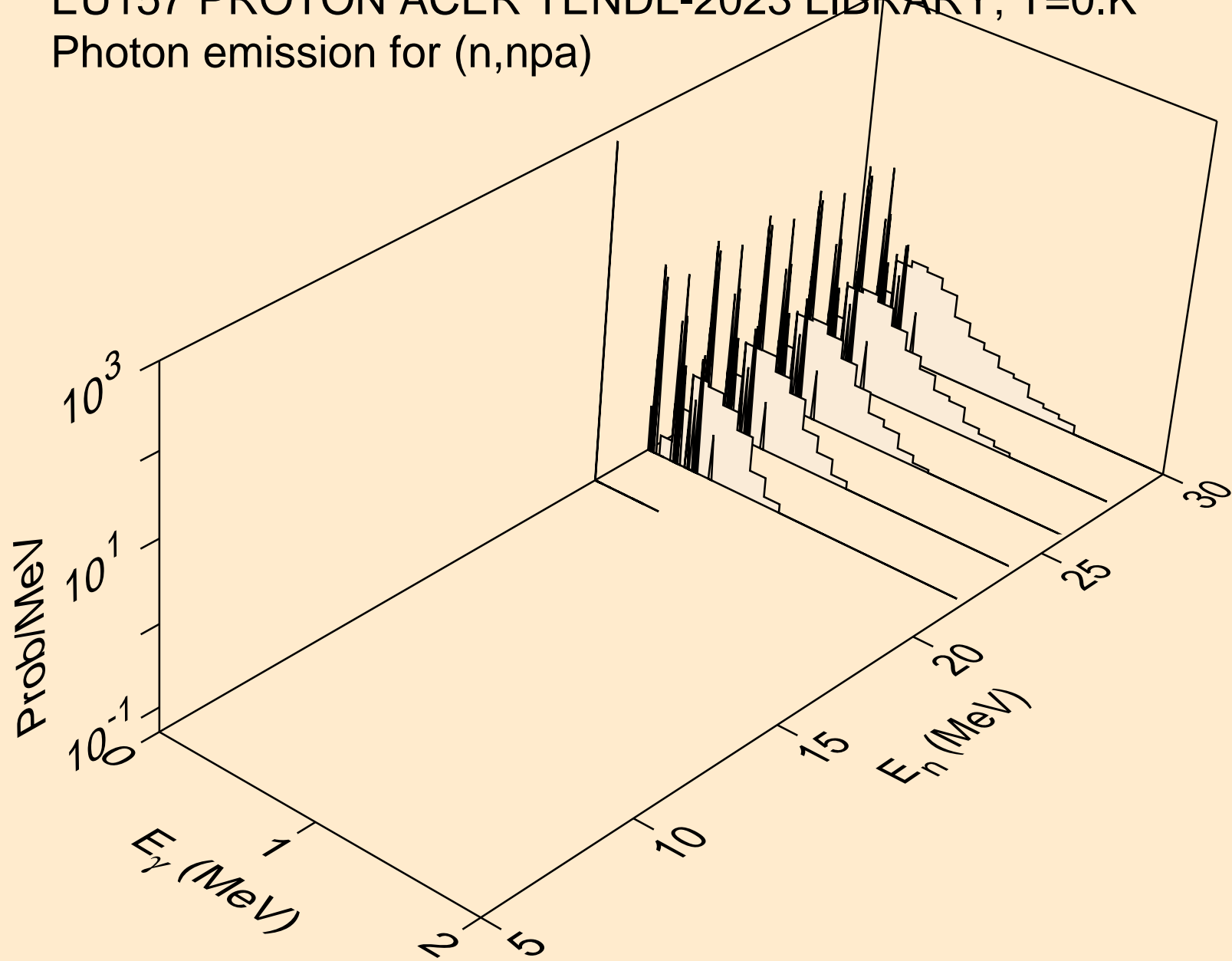
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Photon emission for (n,3np)



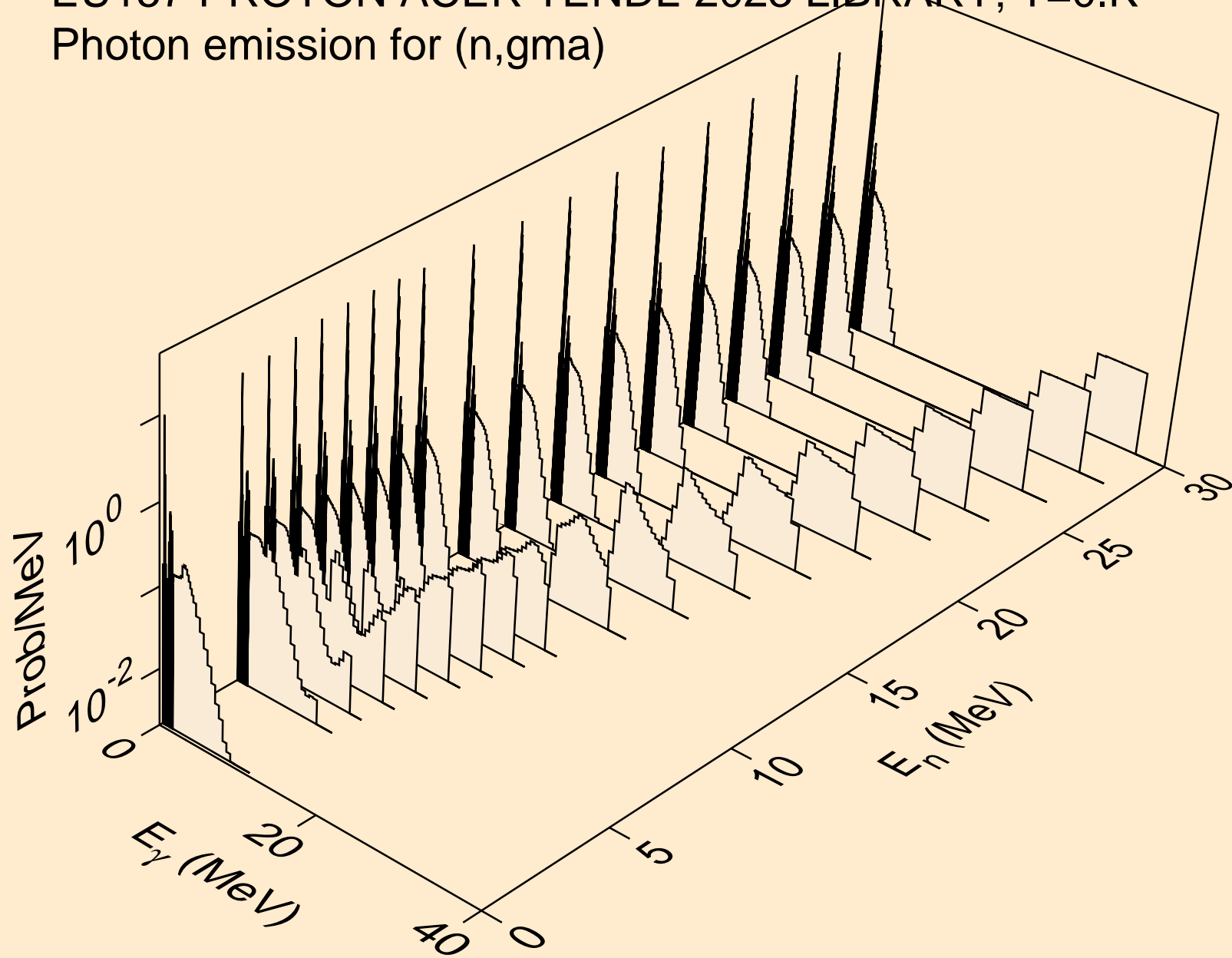
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Photon emission for (n,n2p)



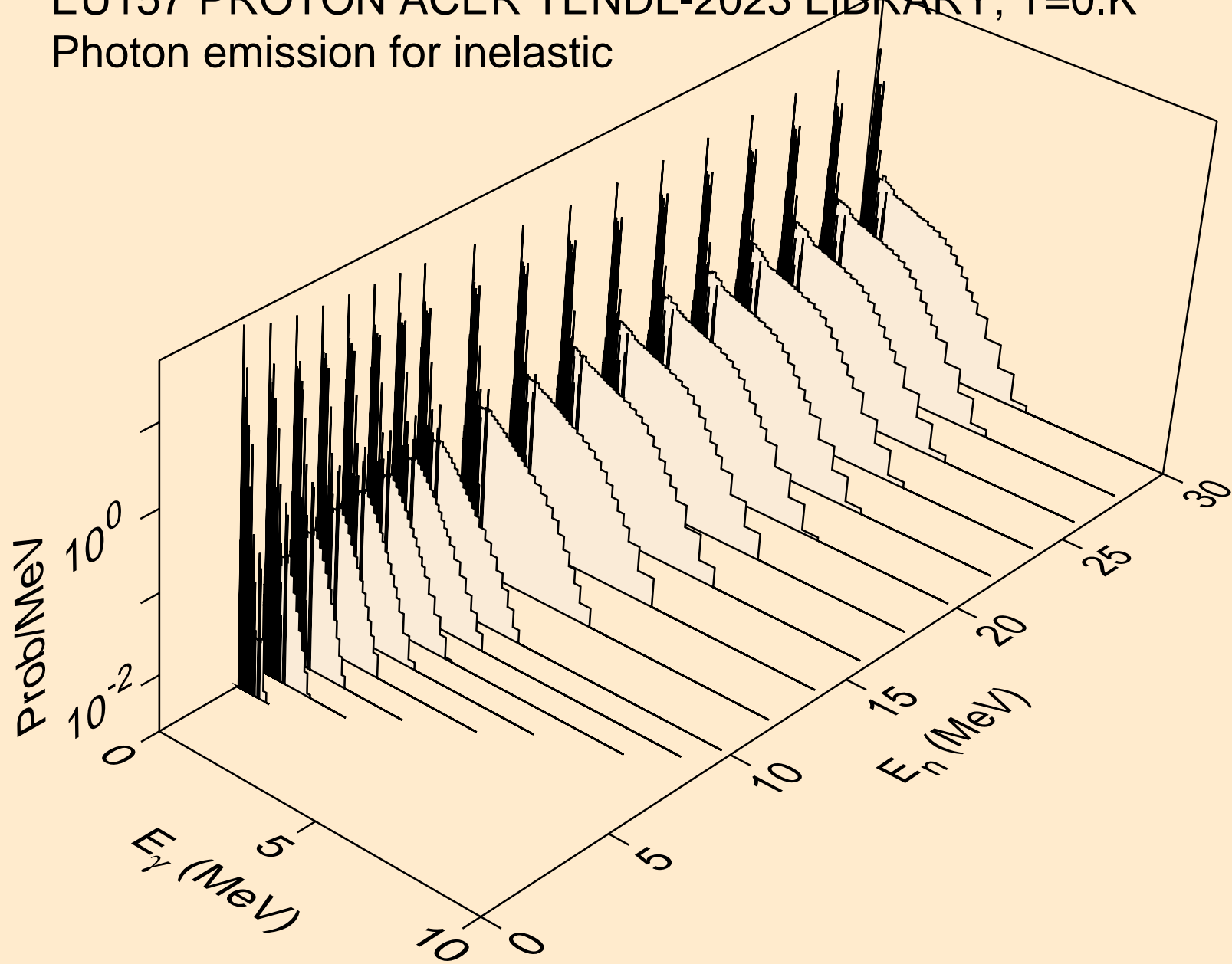
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Photon emission for (n,npa)



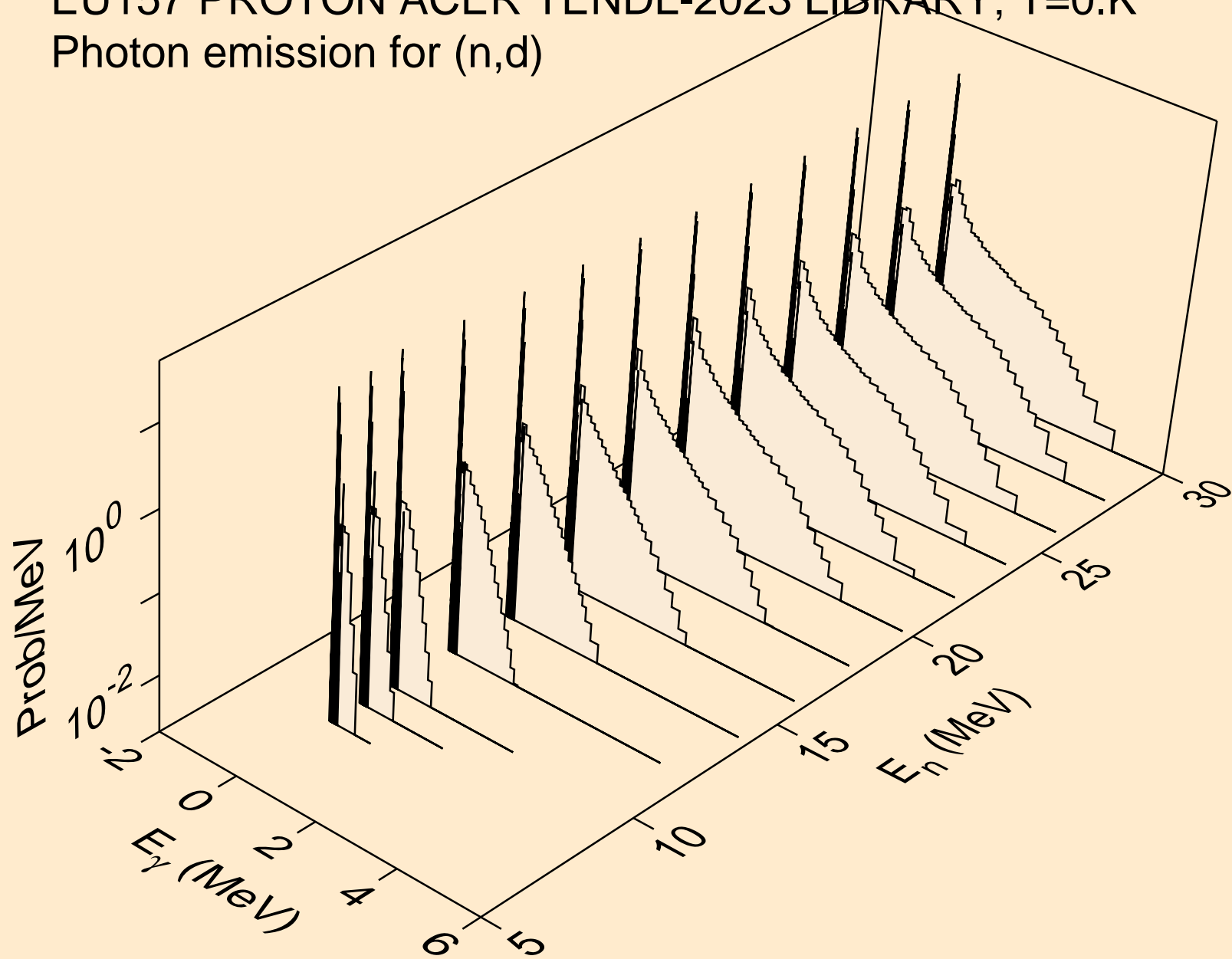
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Photon emission for (n,gma)



EU157 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic

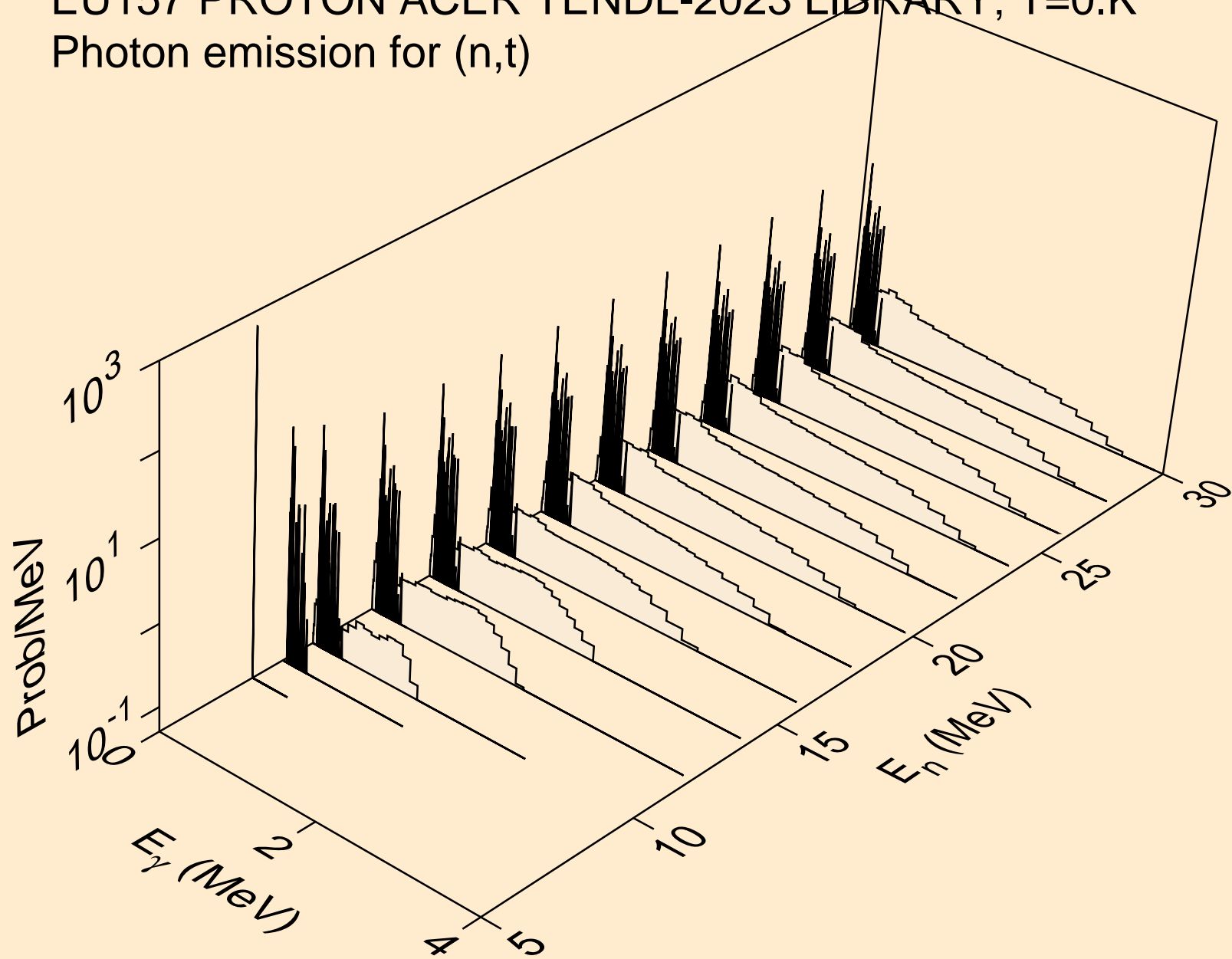


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Photon emission for (n,d)

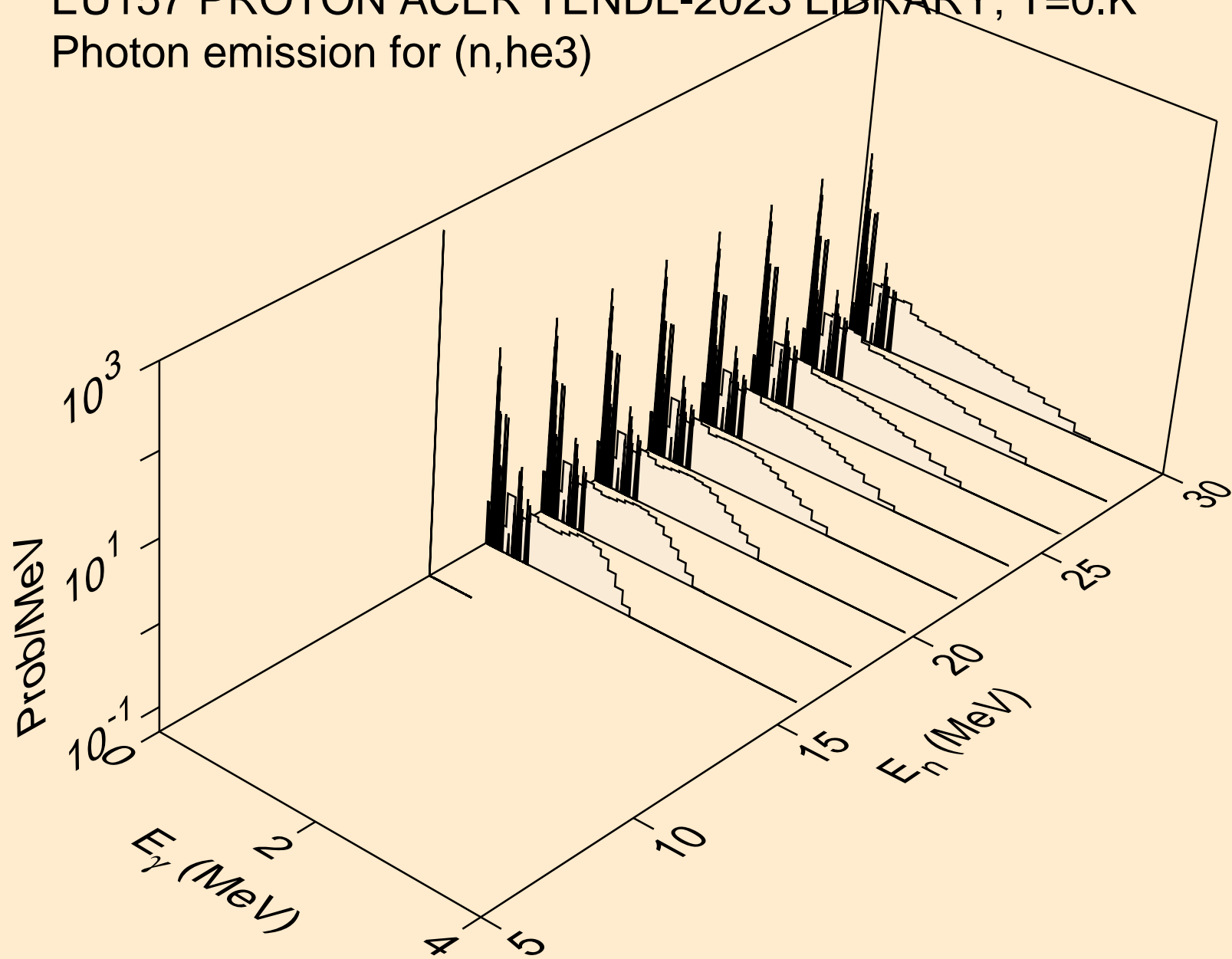




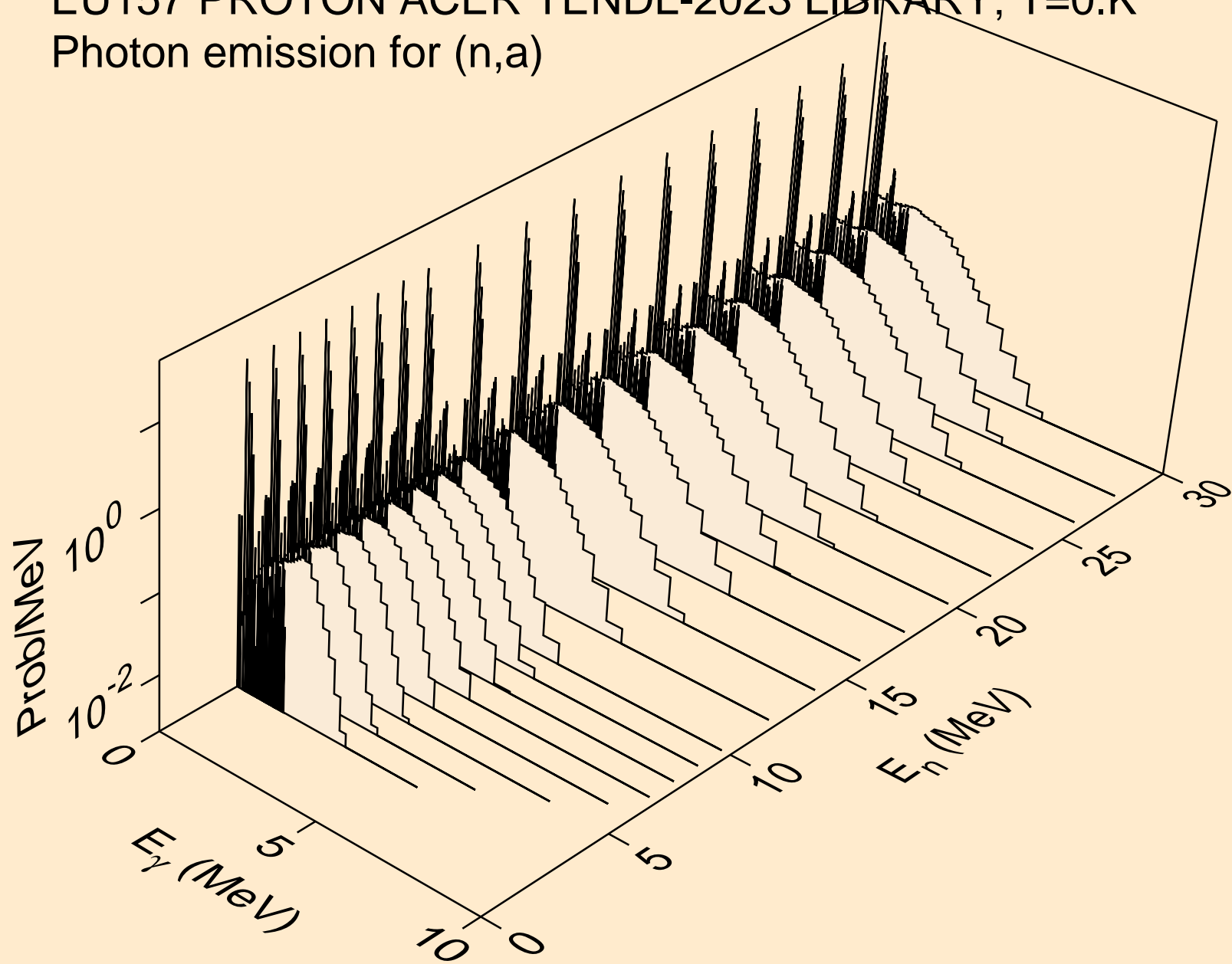
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Photon emission for (n,t)



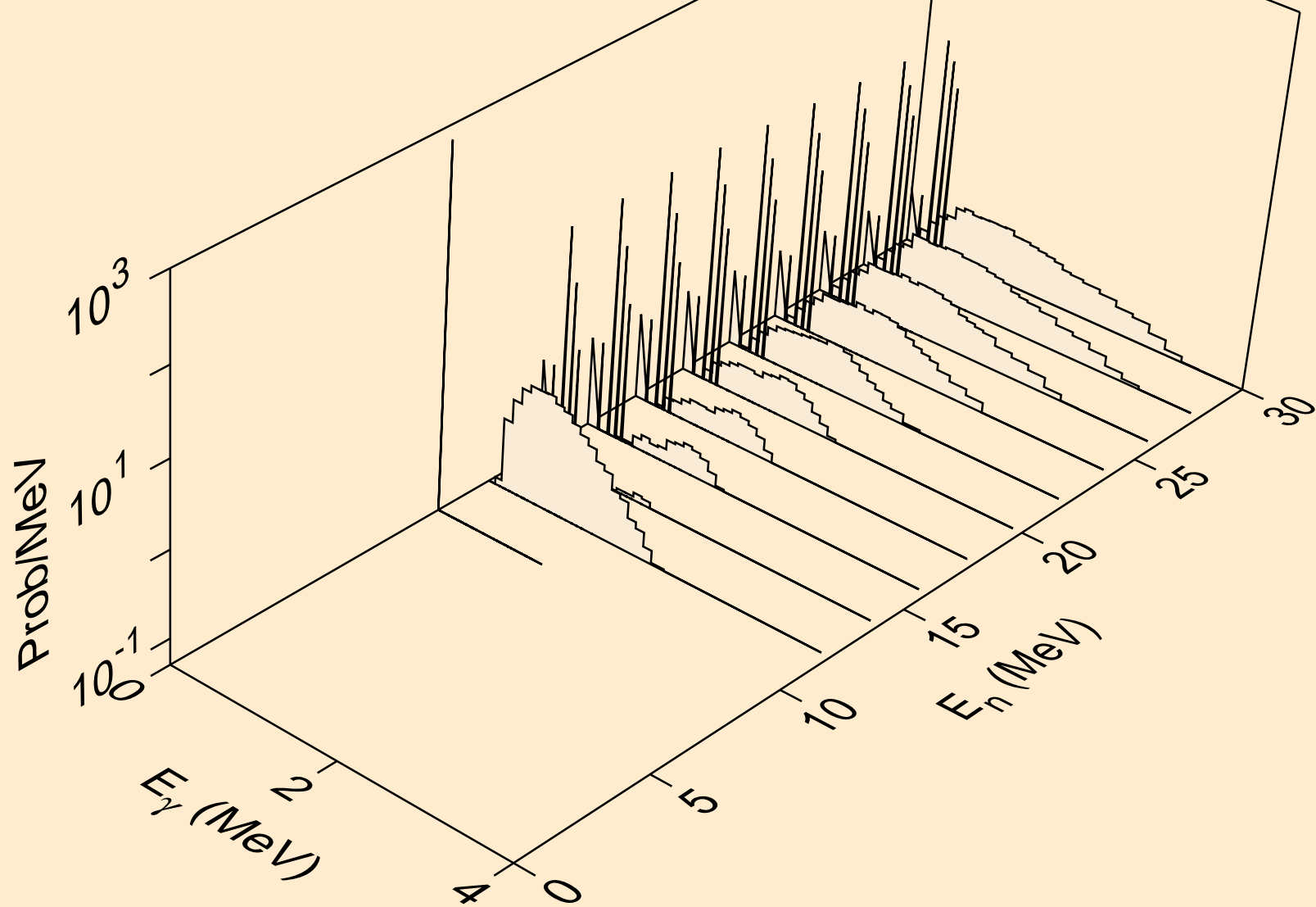
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Photon emission for (n,he3)



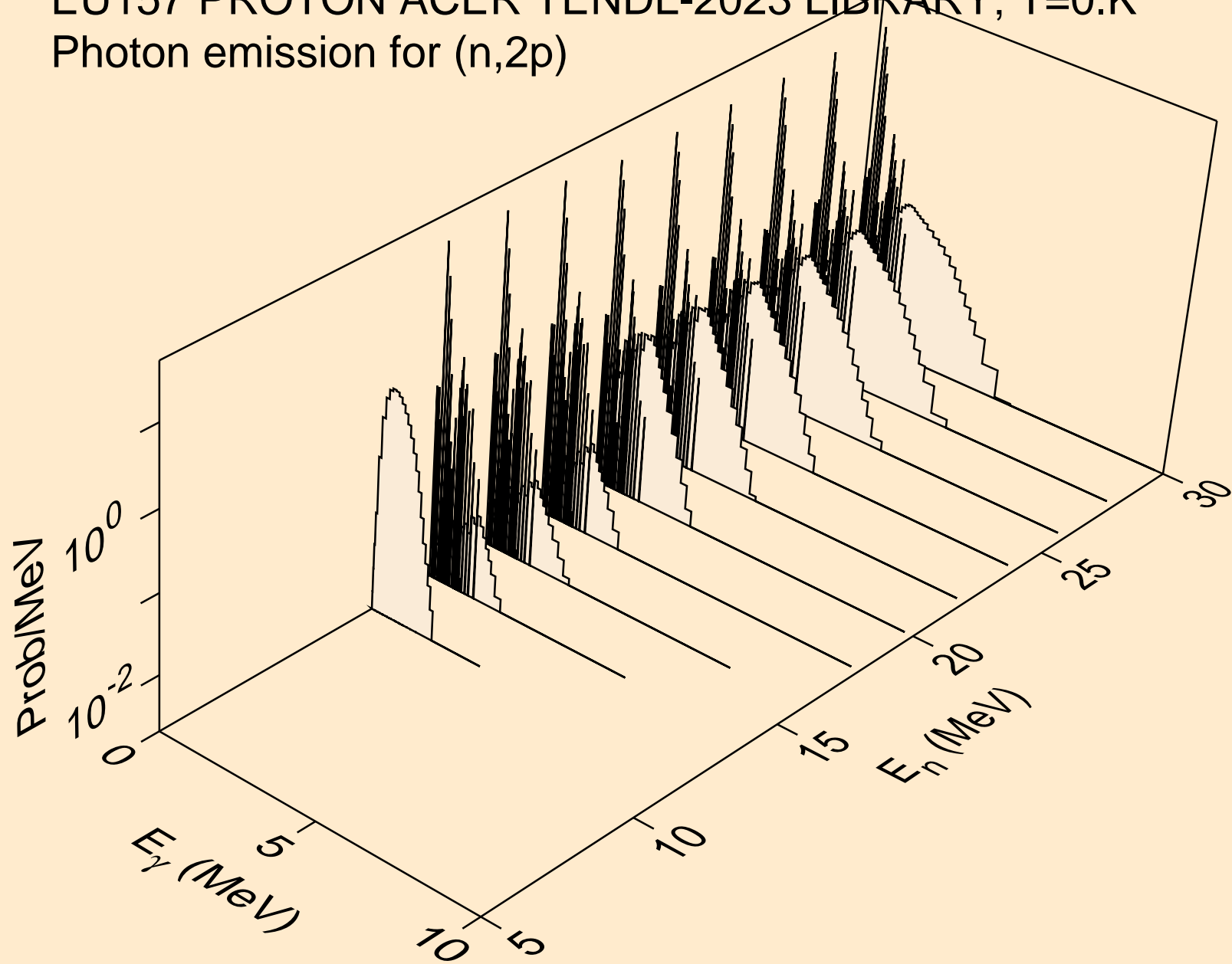
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Photon emission for (n,a)



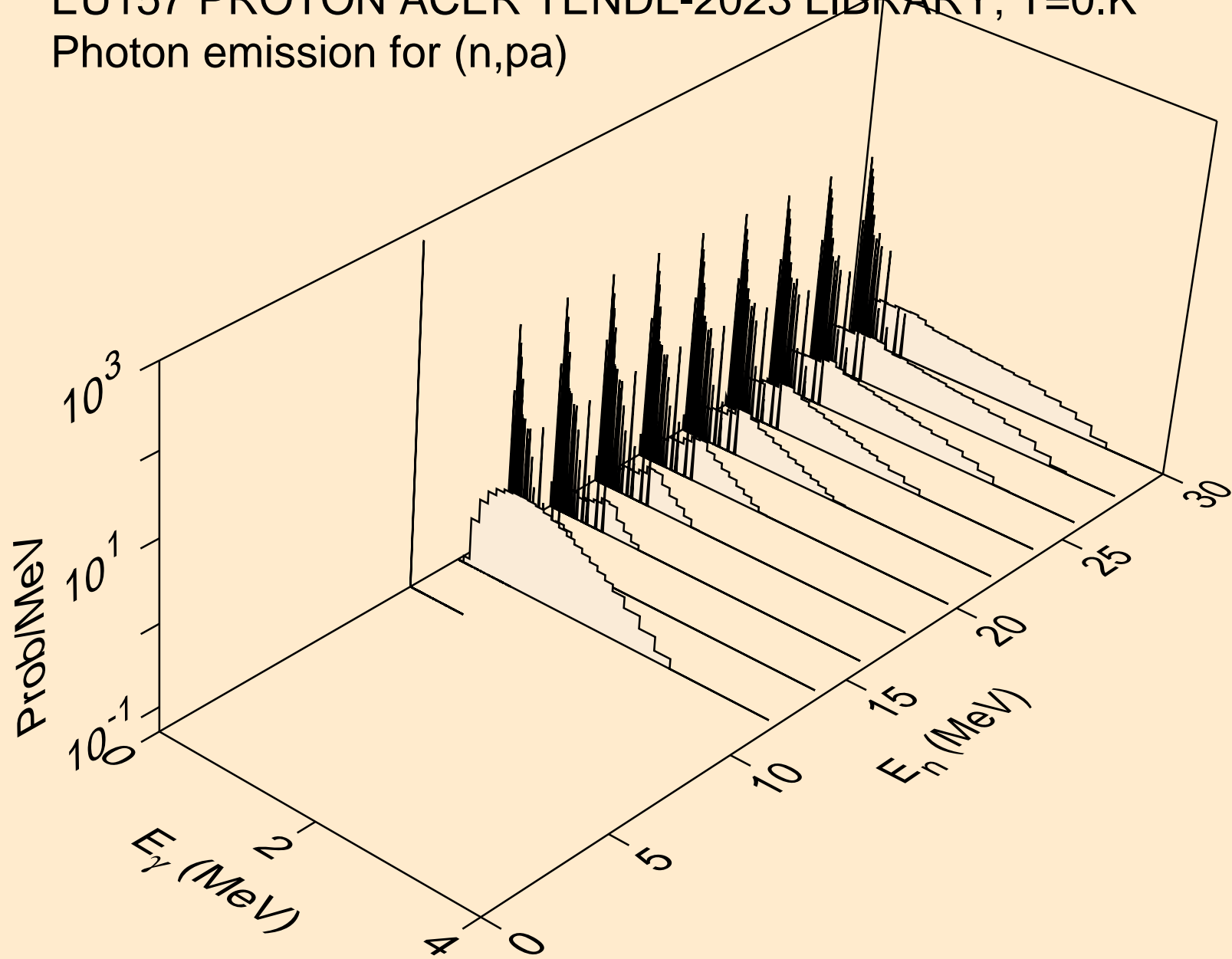
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Photon emission for (n,2a)



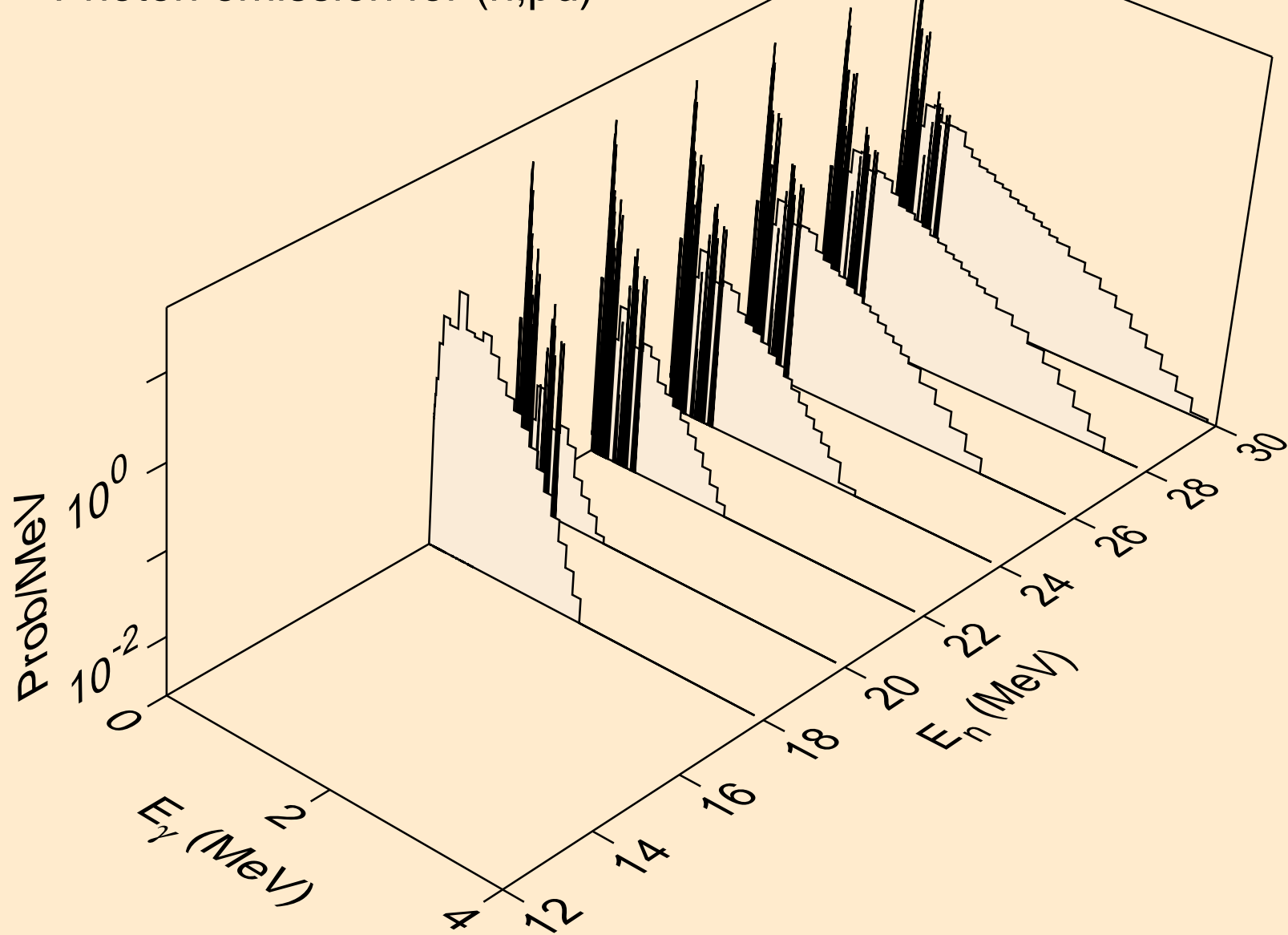
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Photon emission for (n,2p)



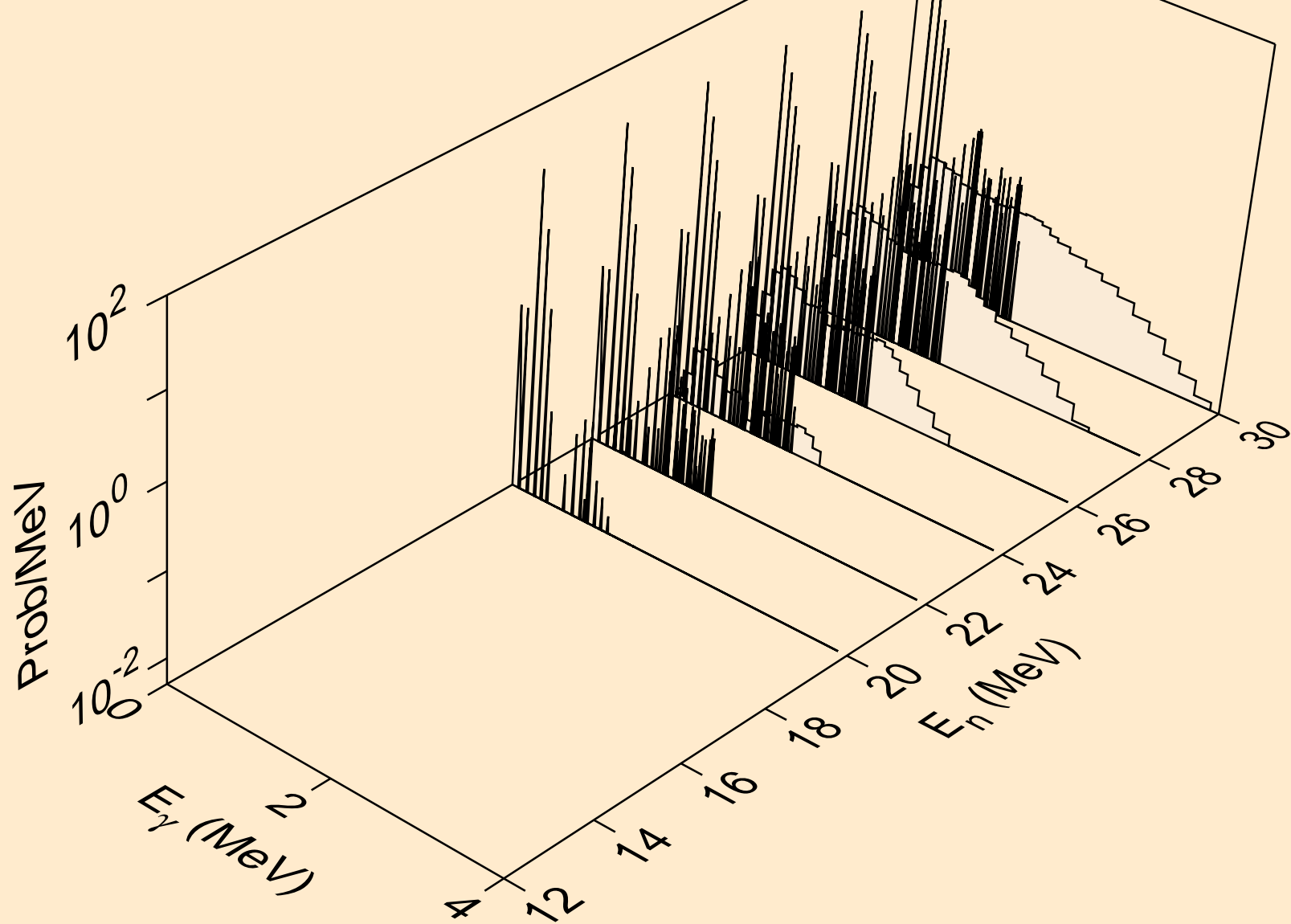
EU157 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pa)



EU157 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)

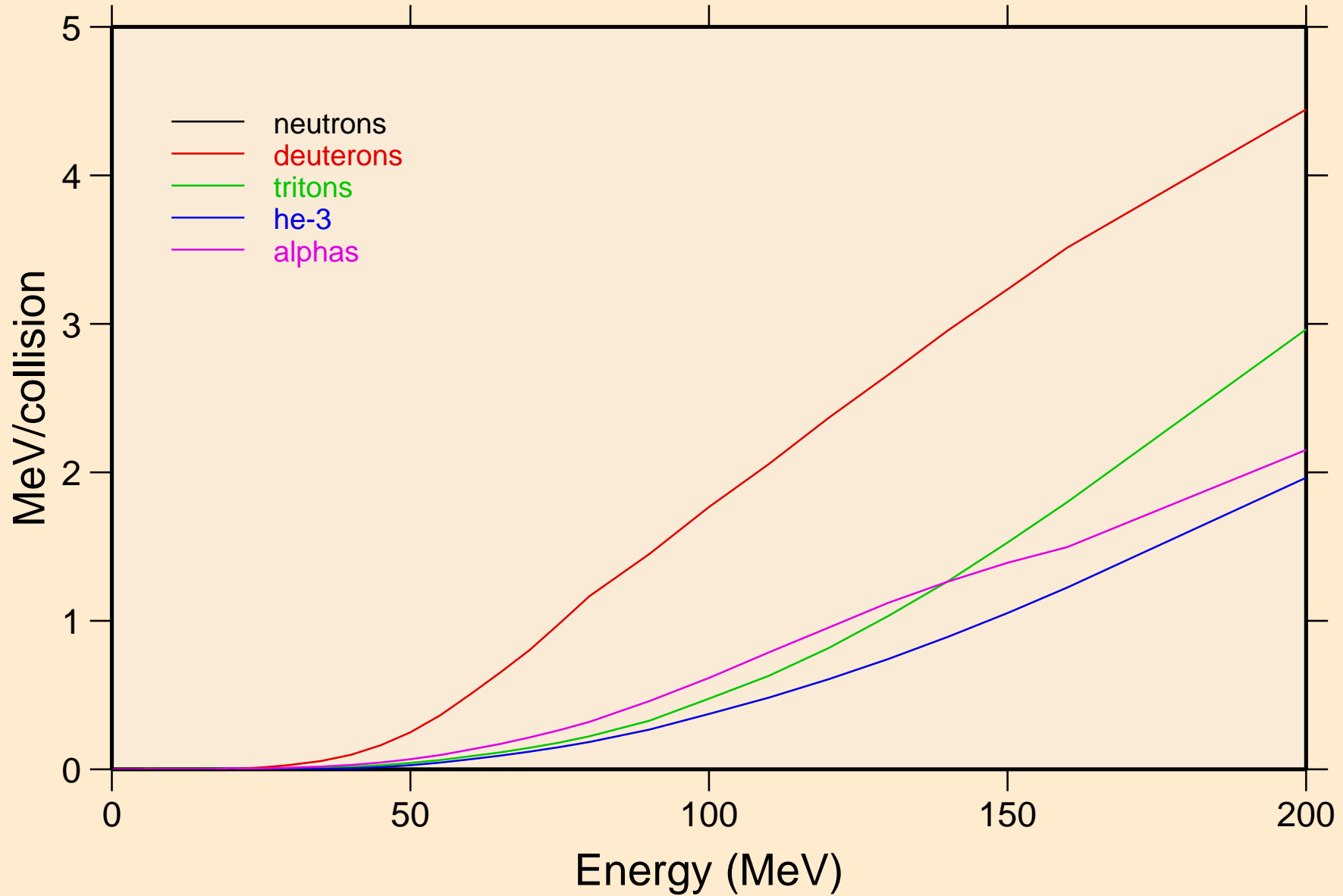


EU157 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)



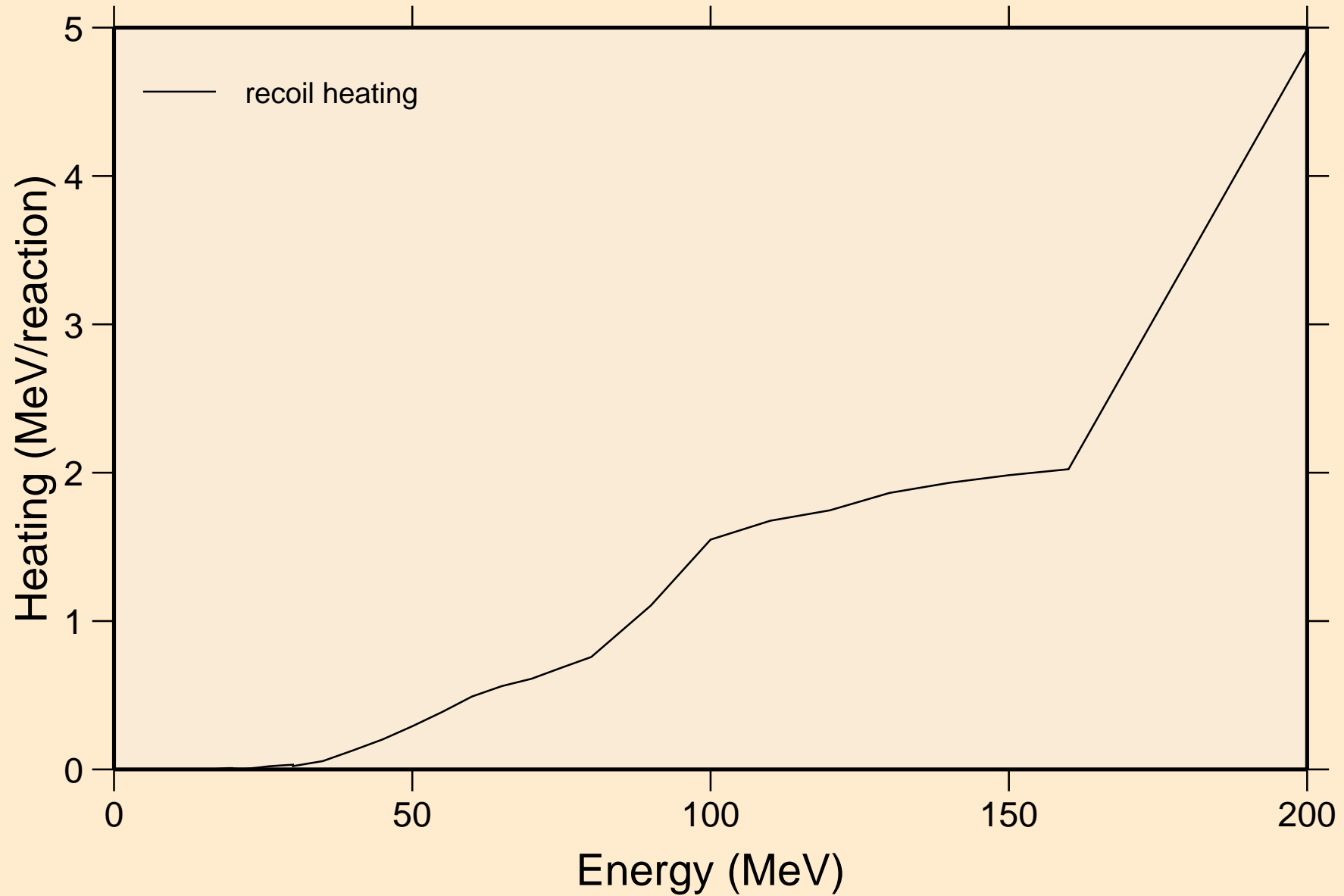


EU157 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Particle heating contributions



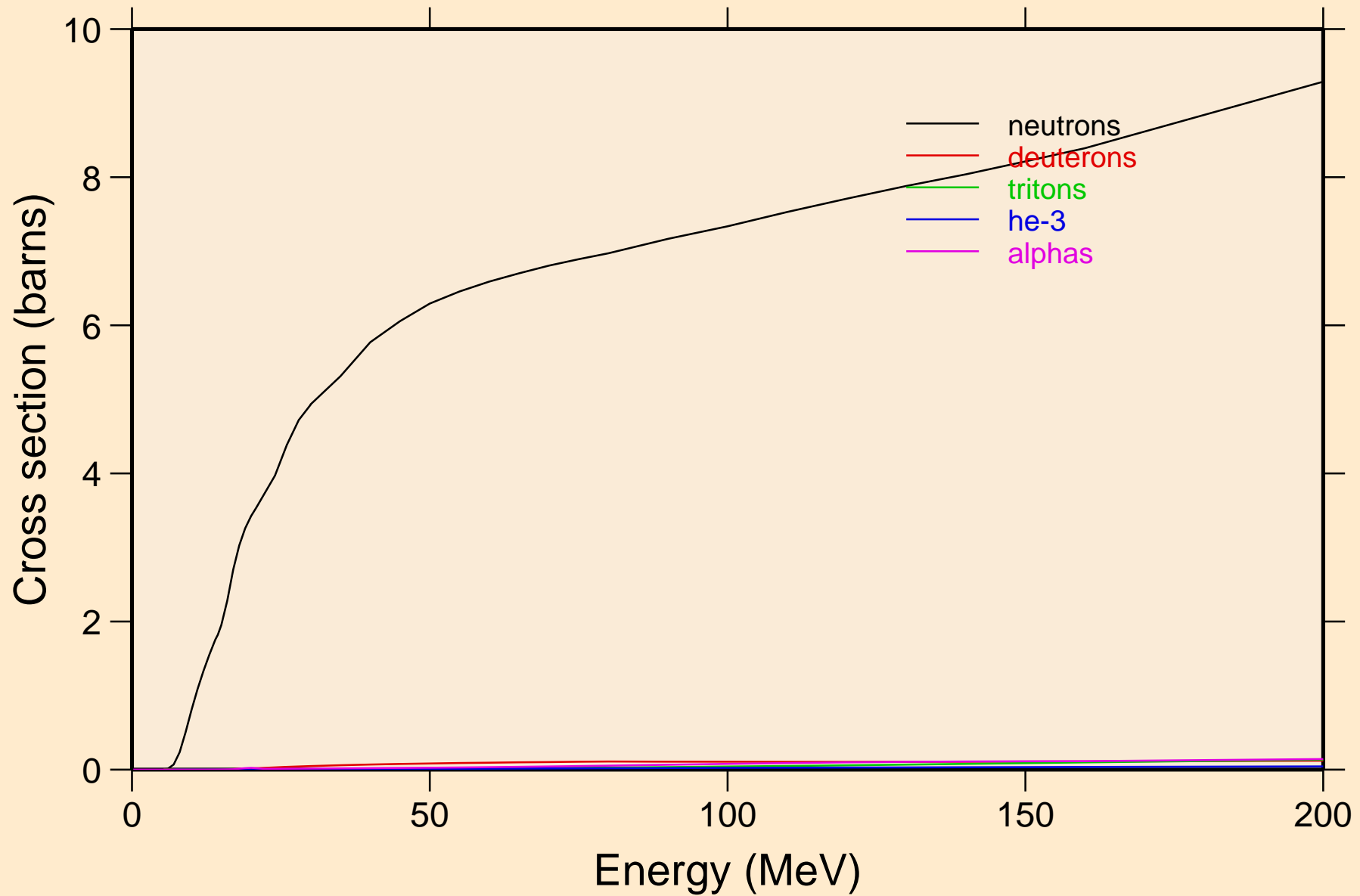
# EU157 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Recoil Heating

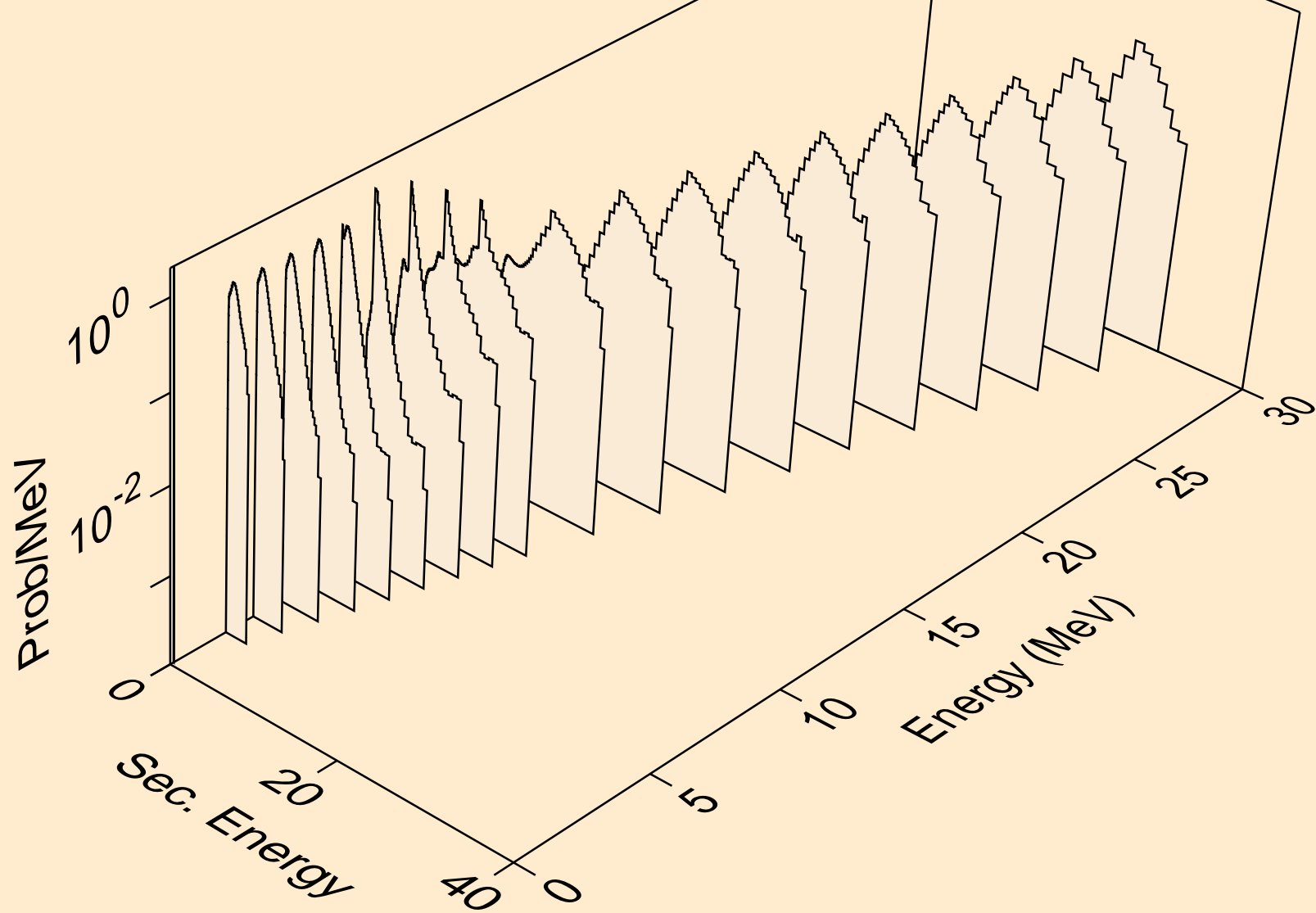


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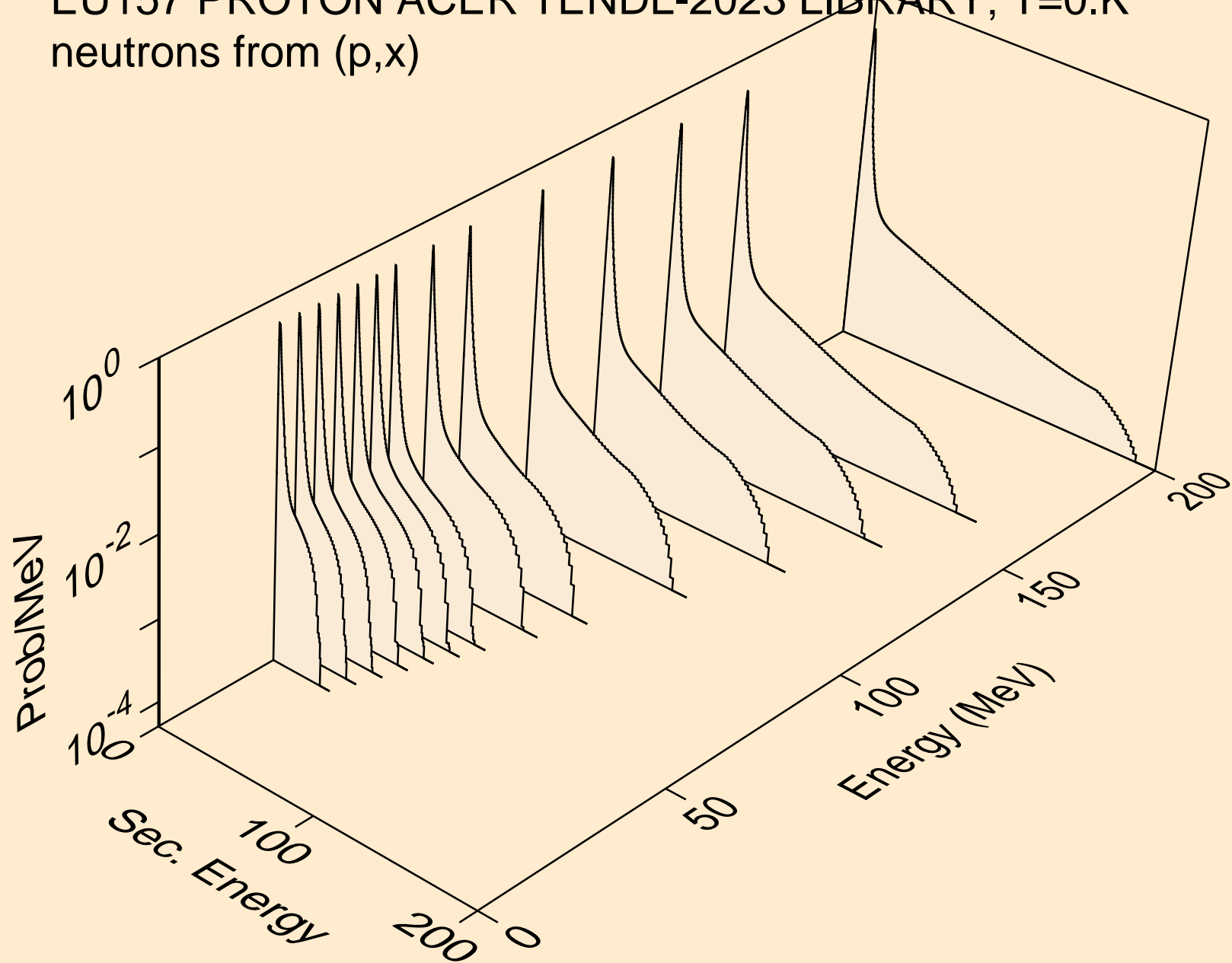
## Particle production cross sections



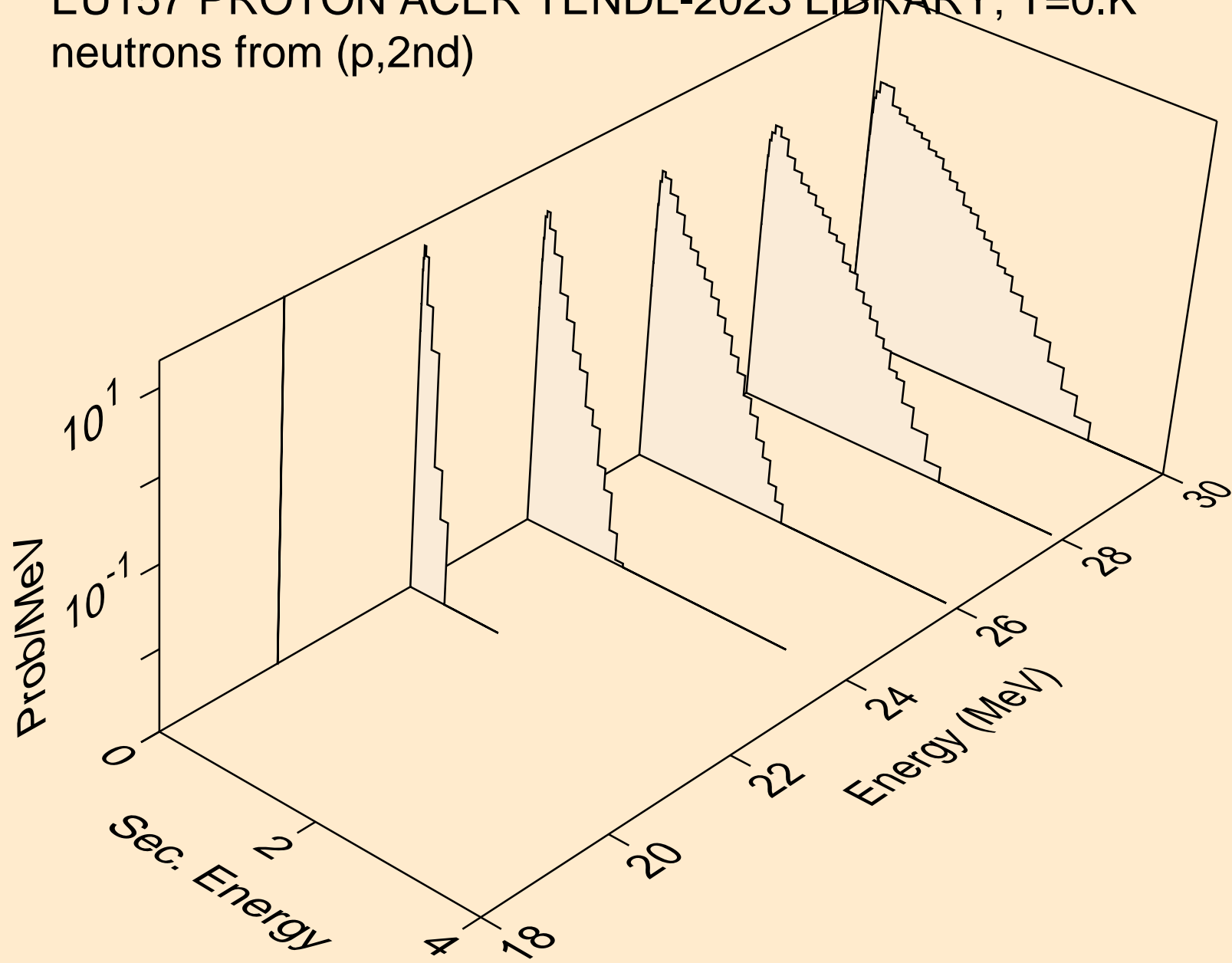
EU157 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n)



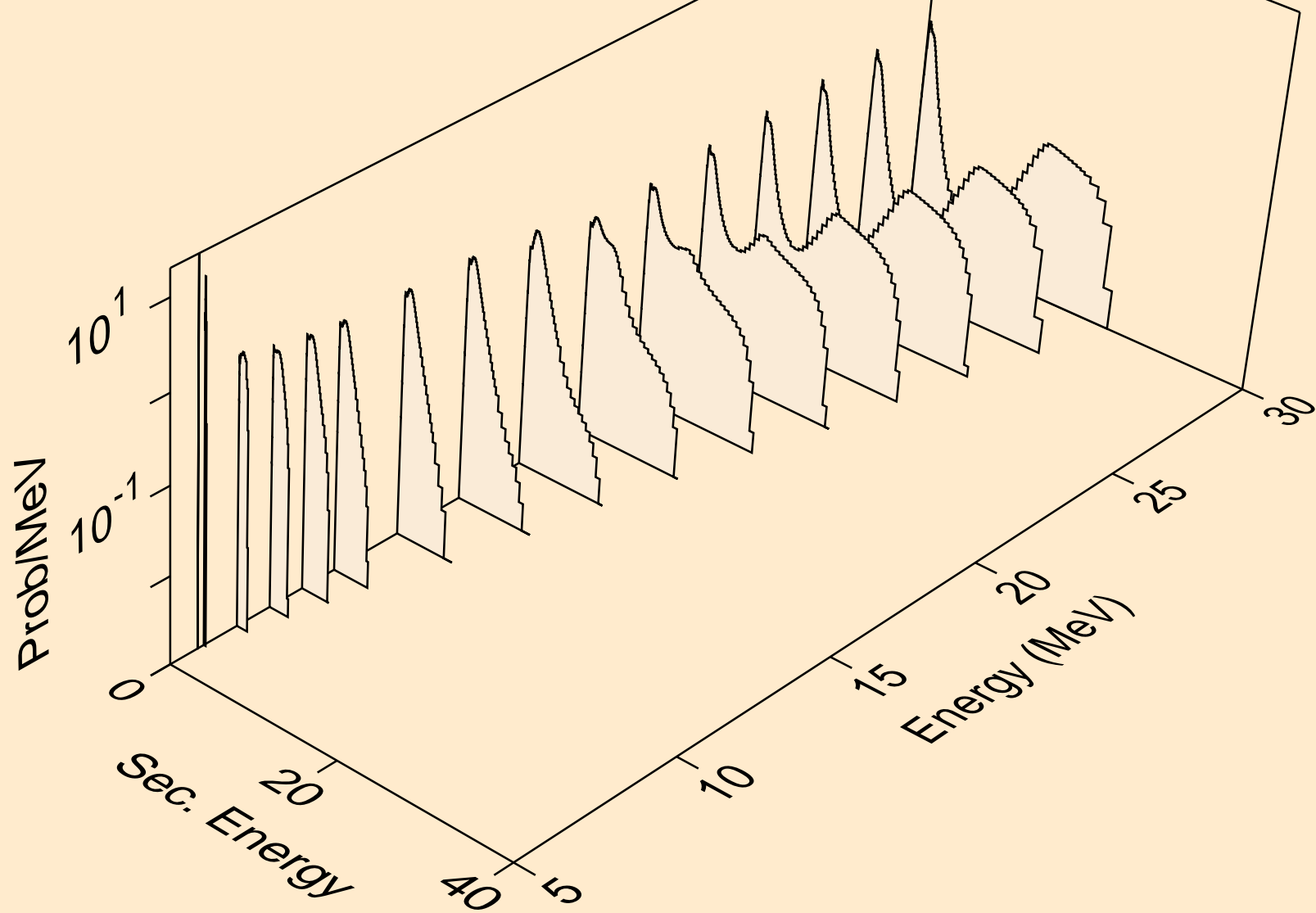
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neutrons from (p,x)



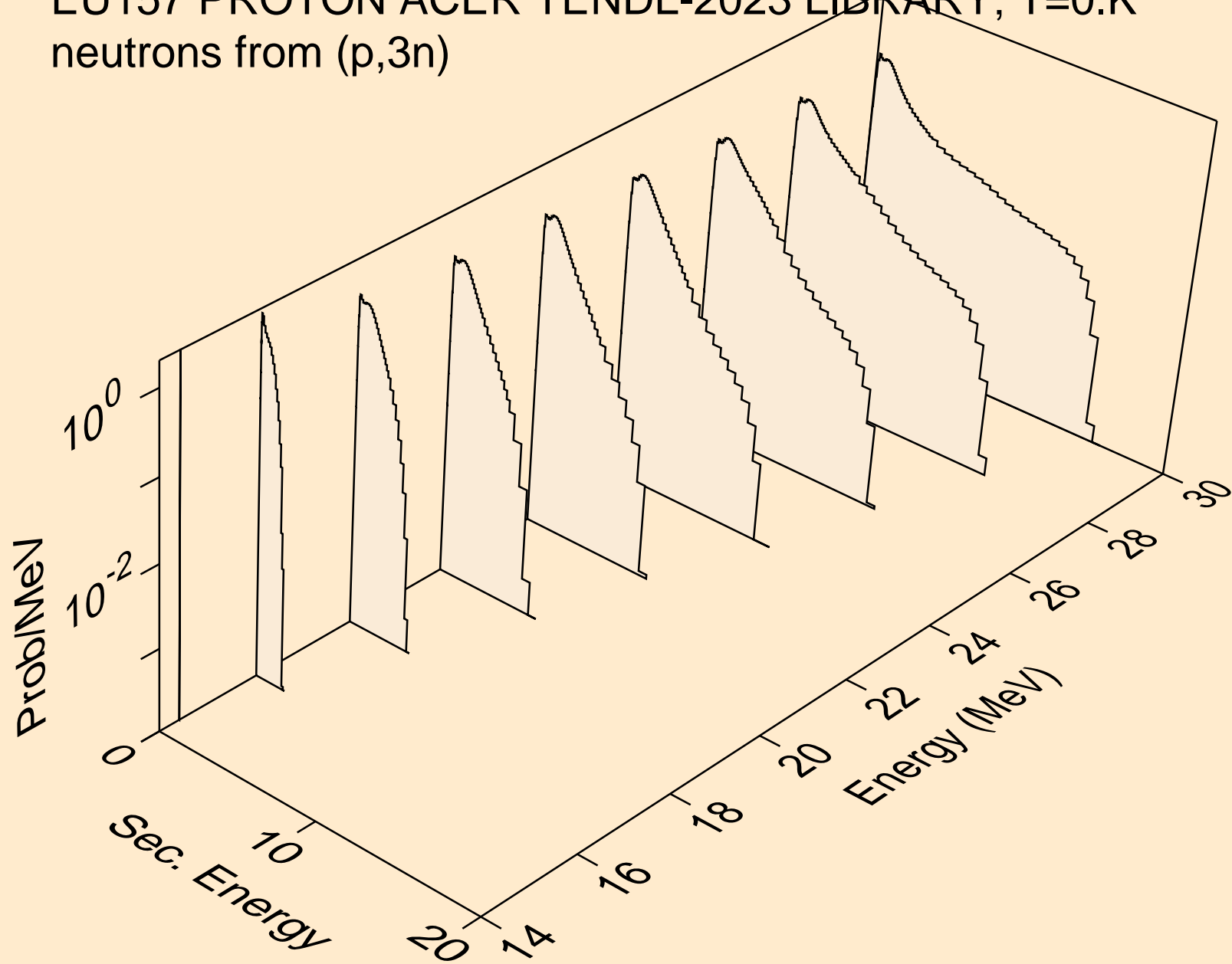
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neutrons from (p,2nd)



EU157 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
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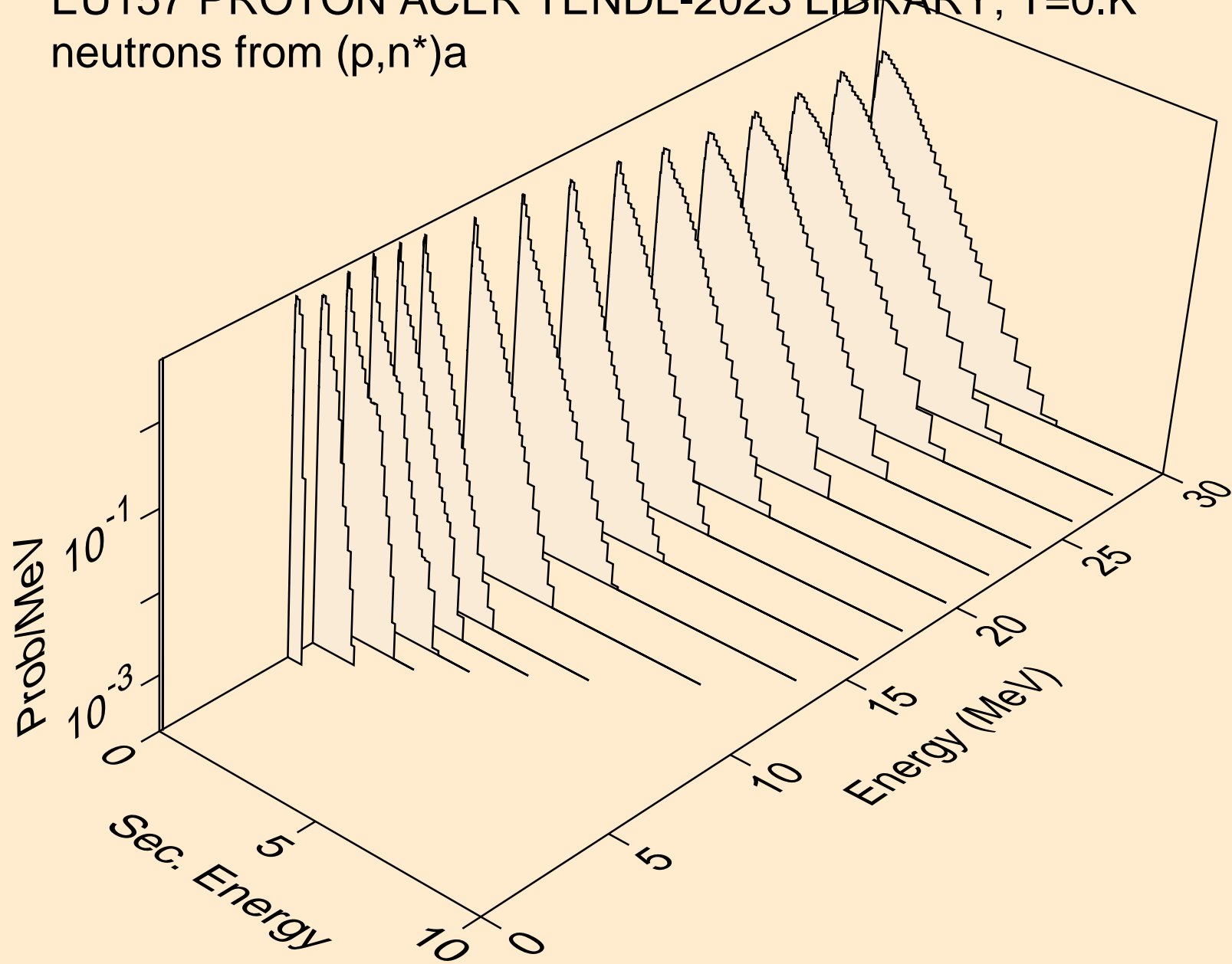


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neutrons from (p,3n)

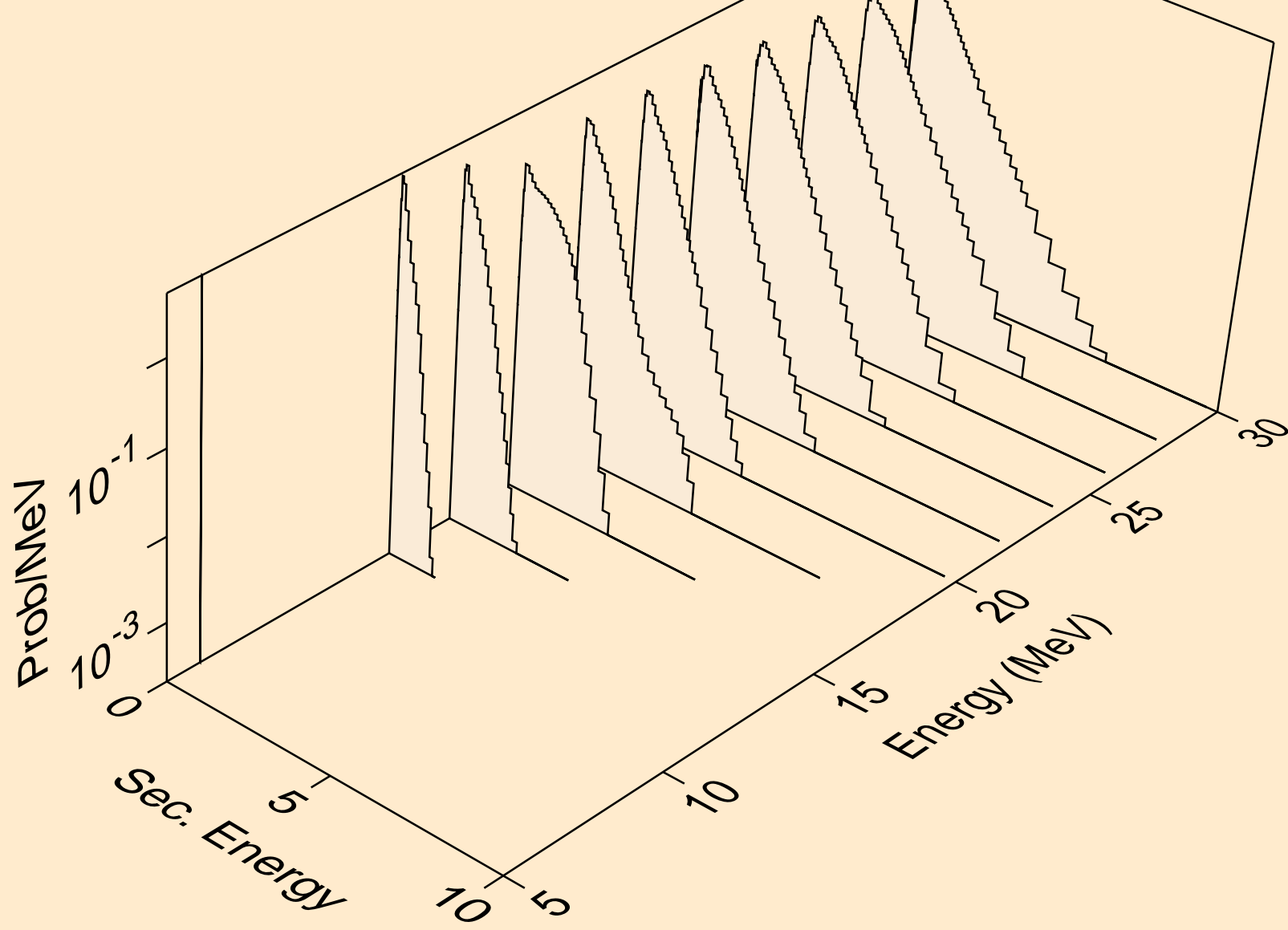




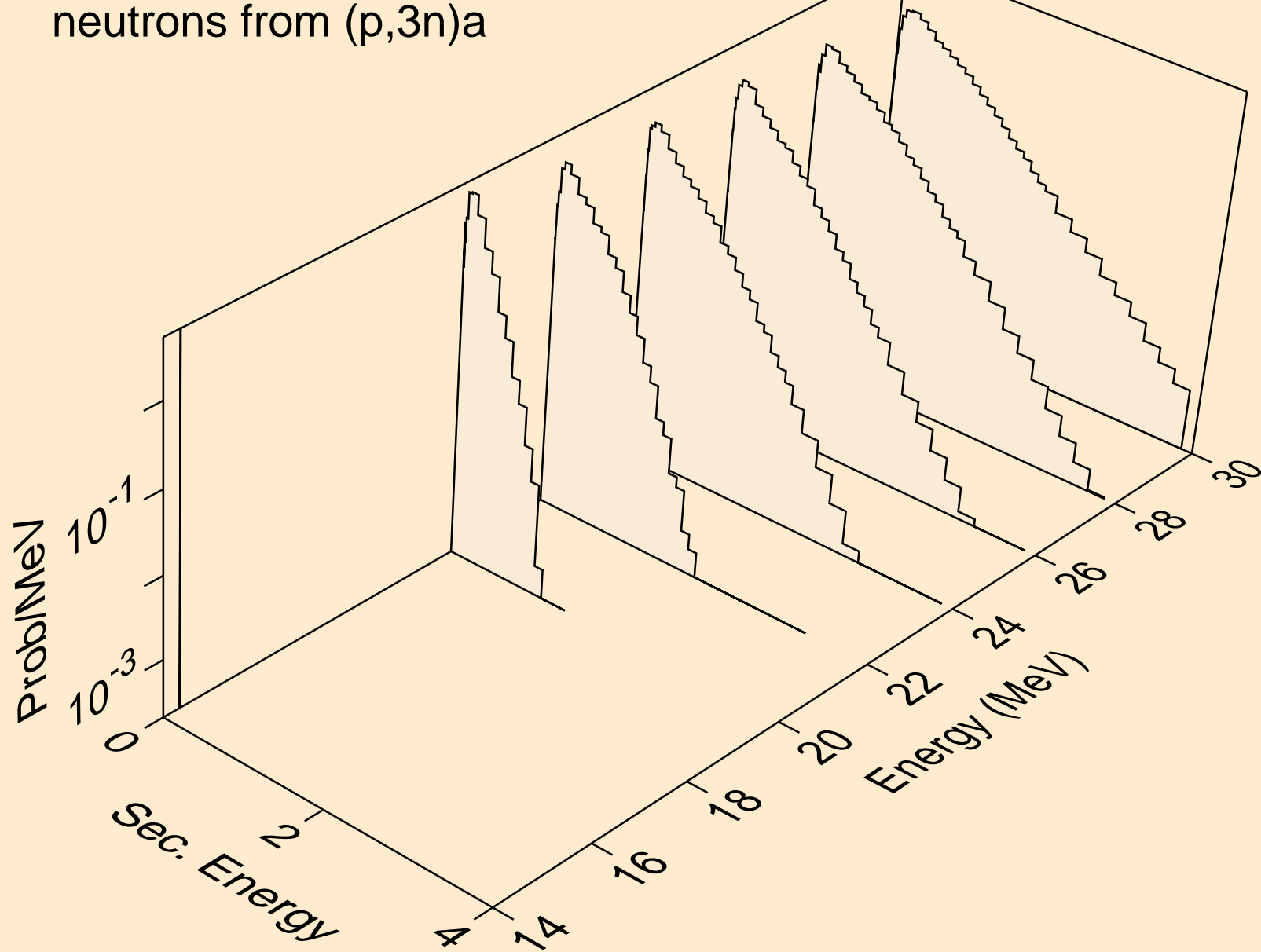
EU157 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)a



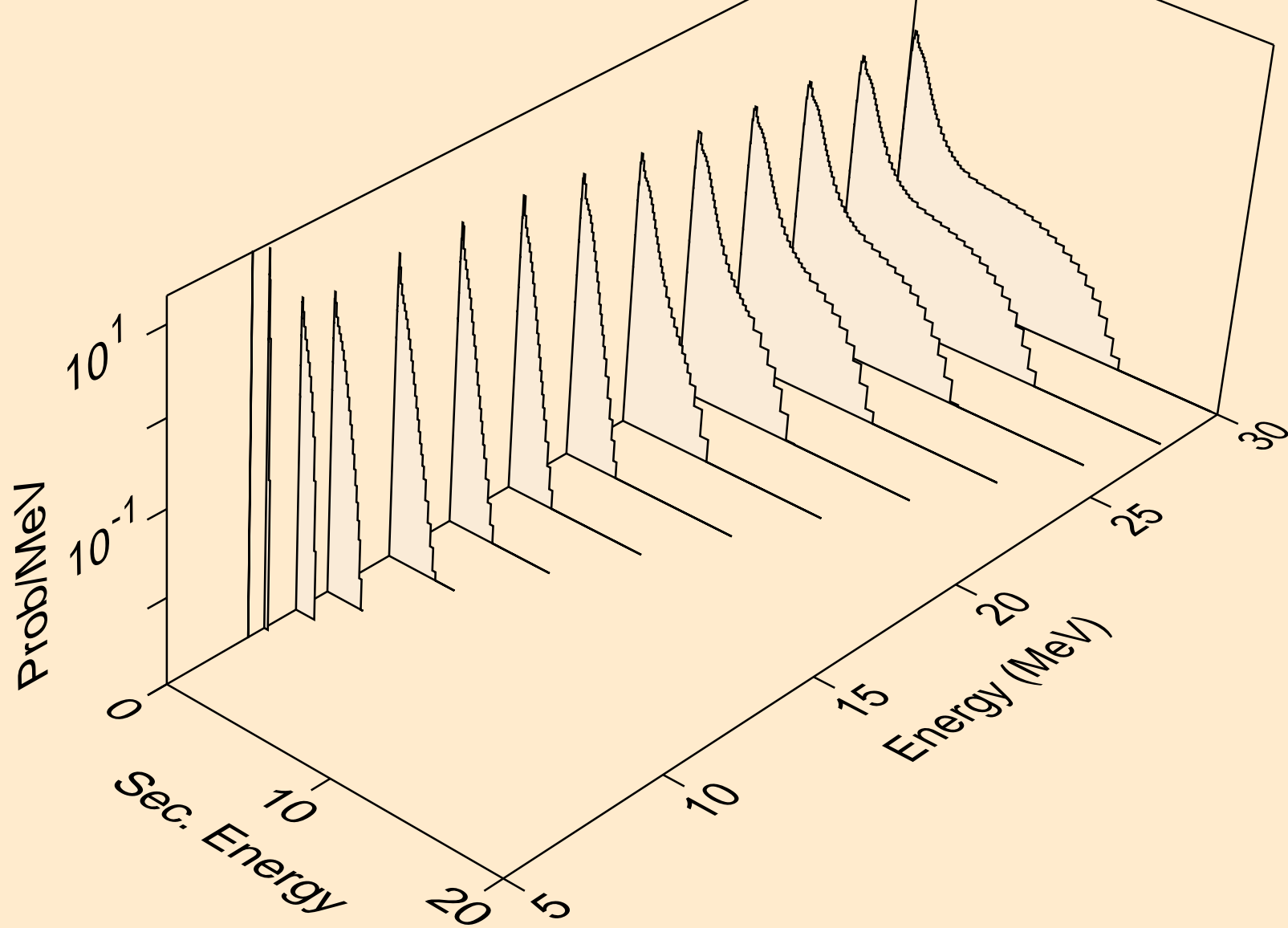
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neutrons from (p,2n)a



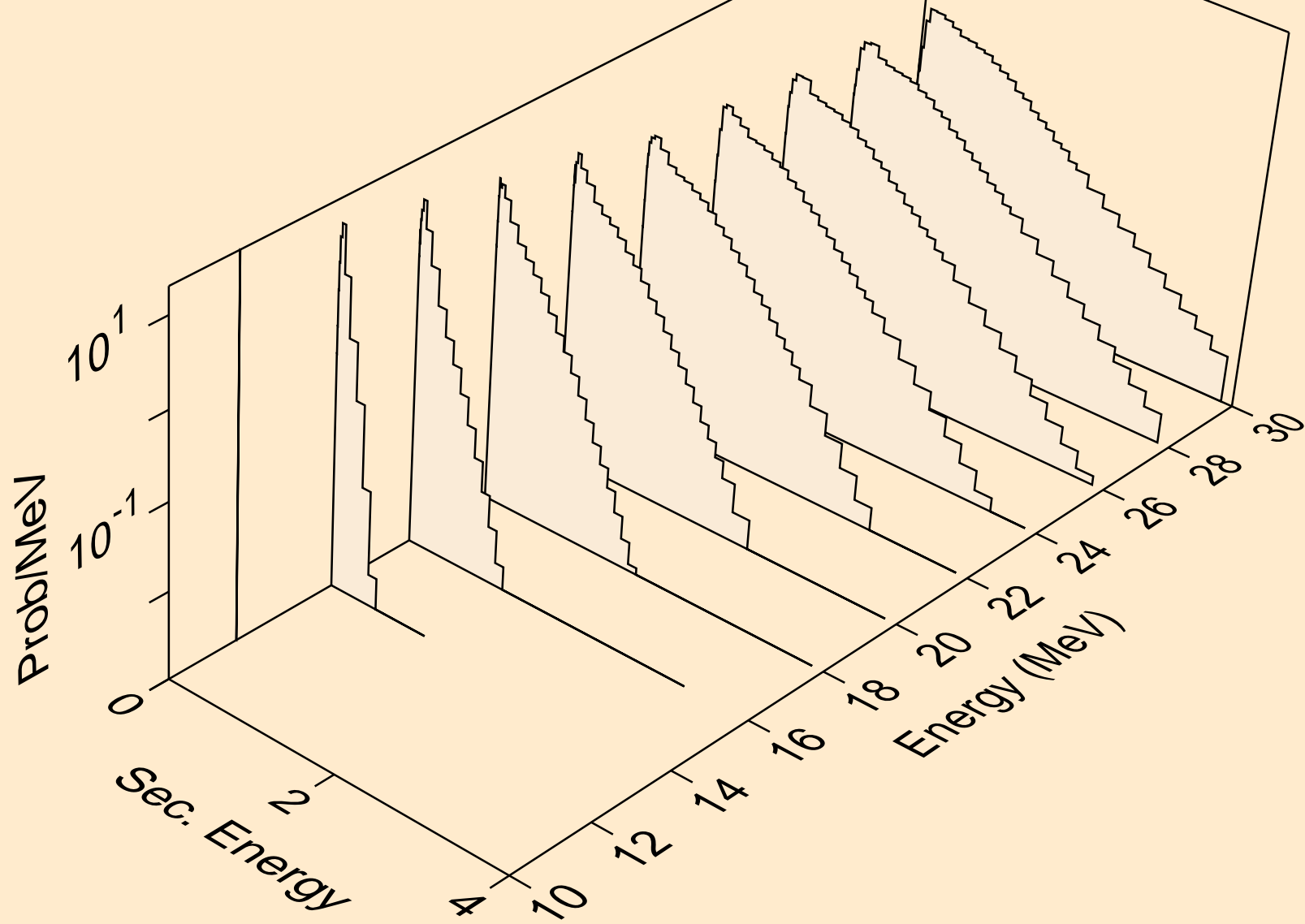
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neutrons from (p,3n)a



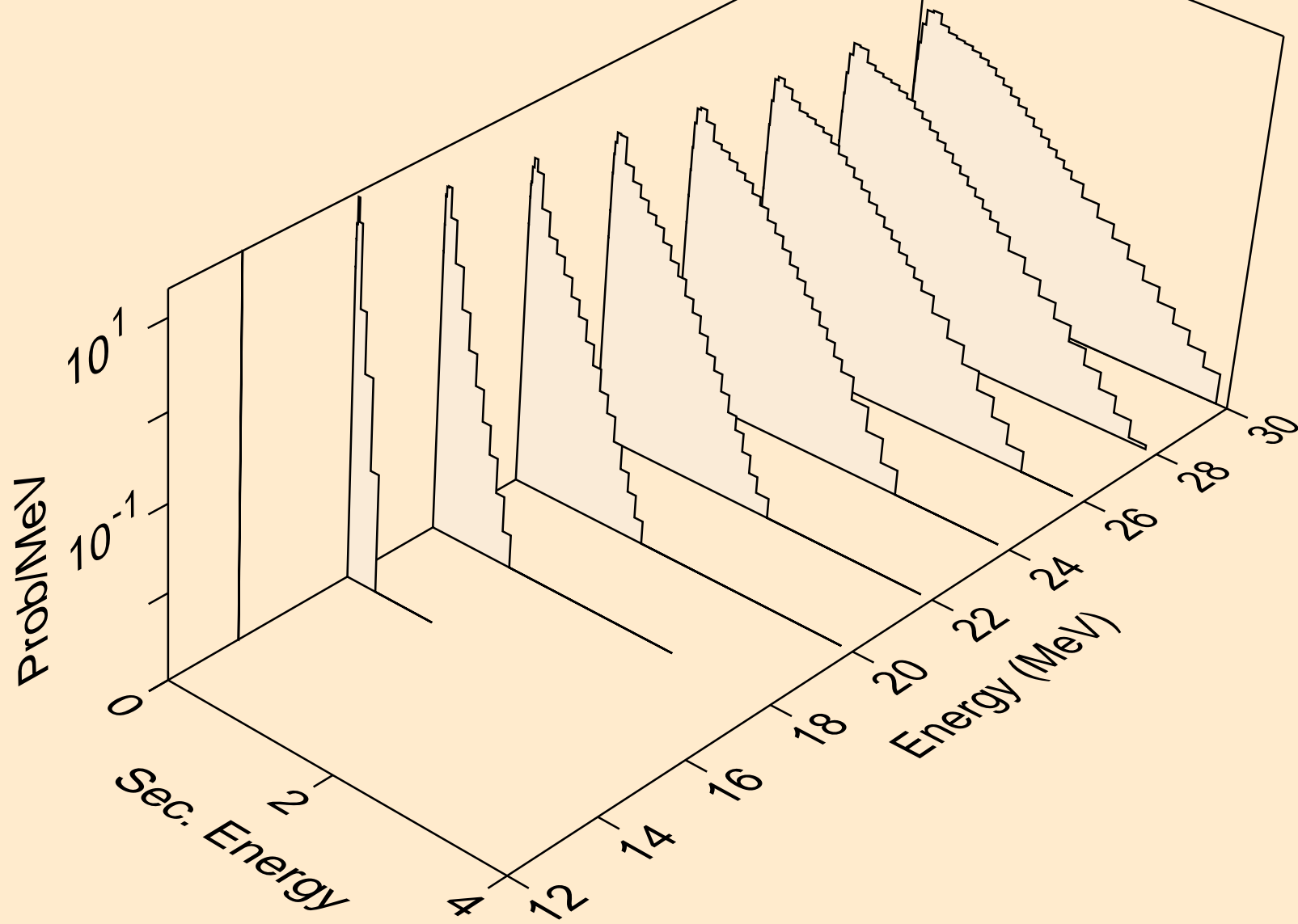
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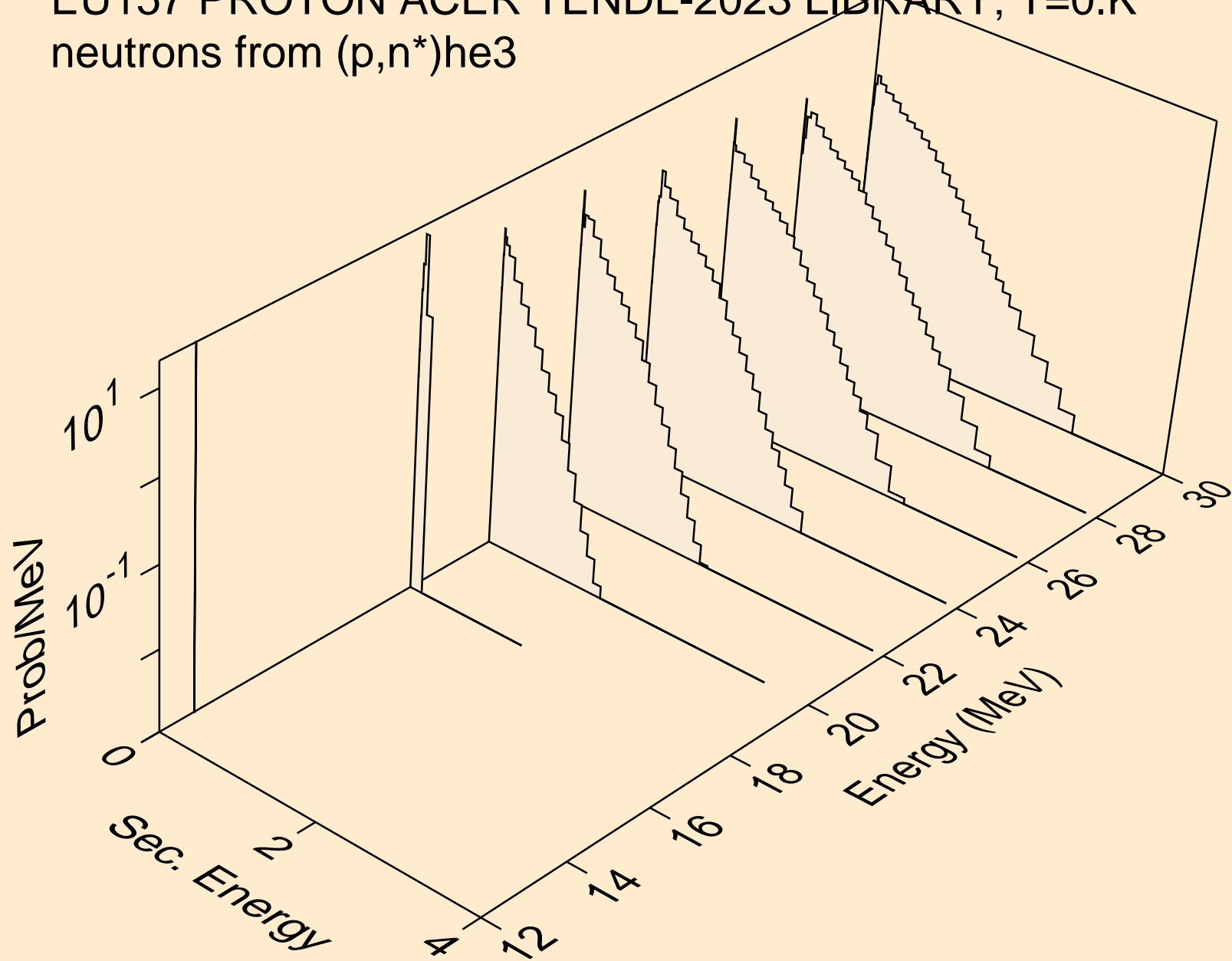
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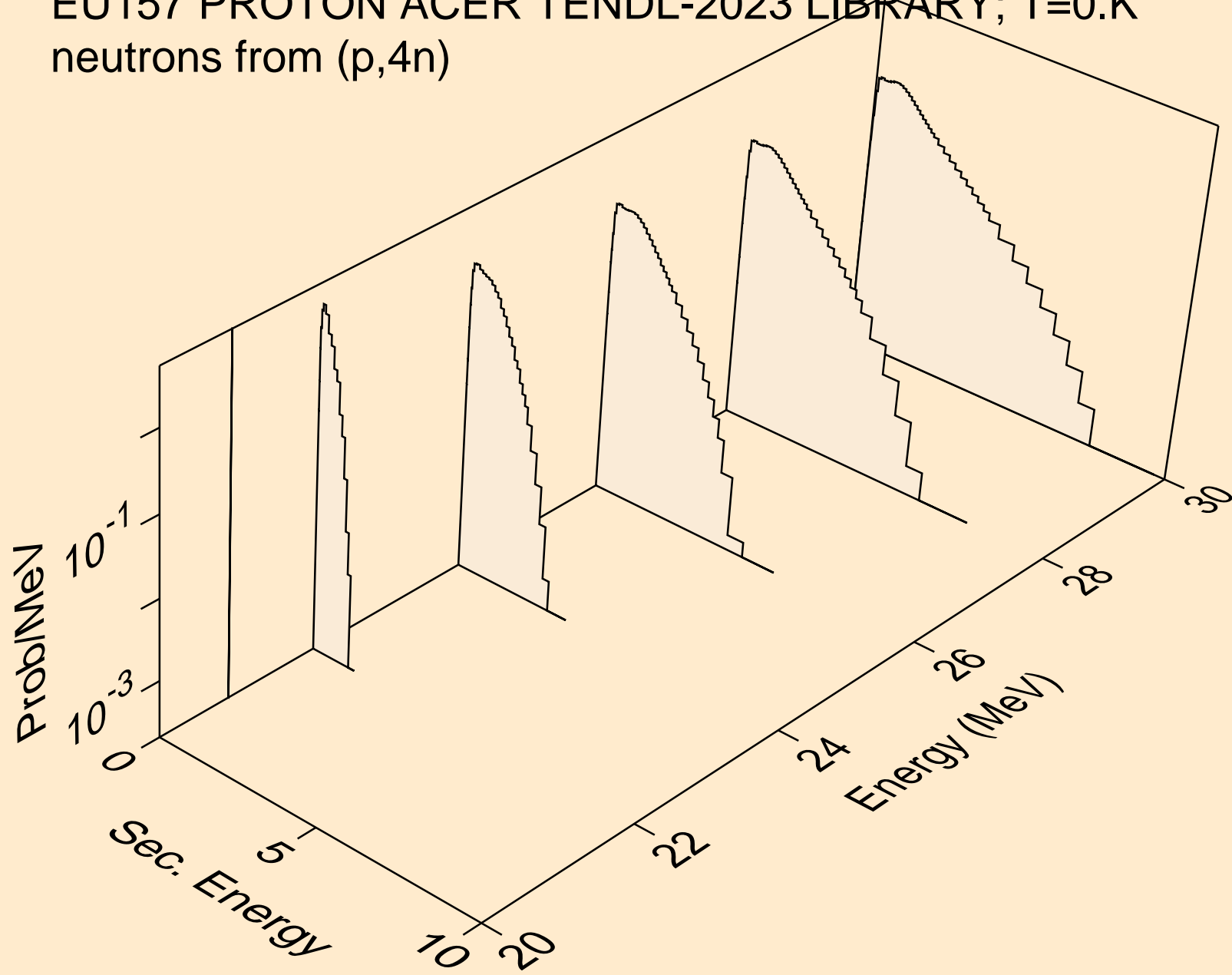
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neutrons from (p,n\*)t



EU157 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)he3

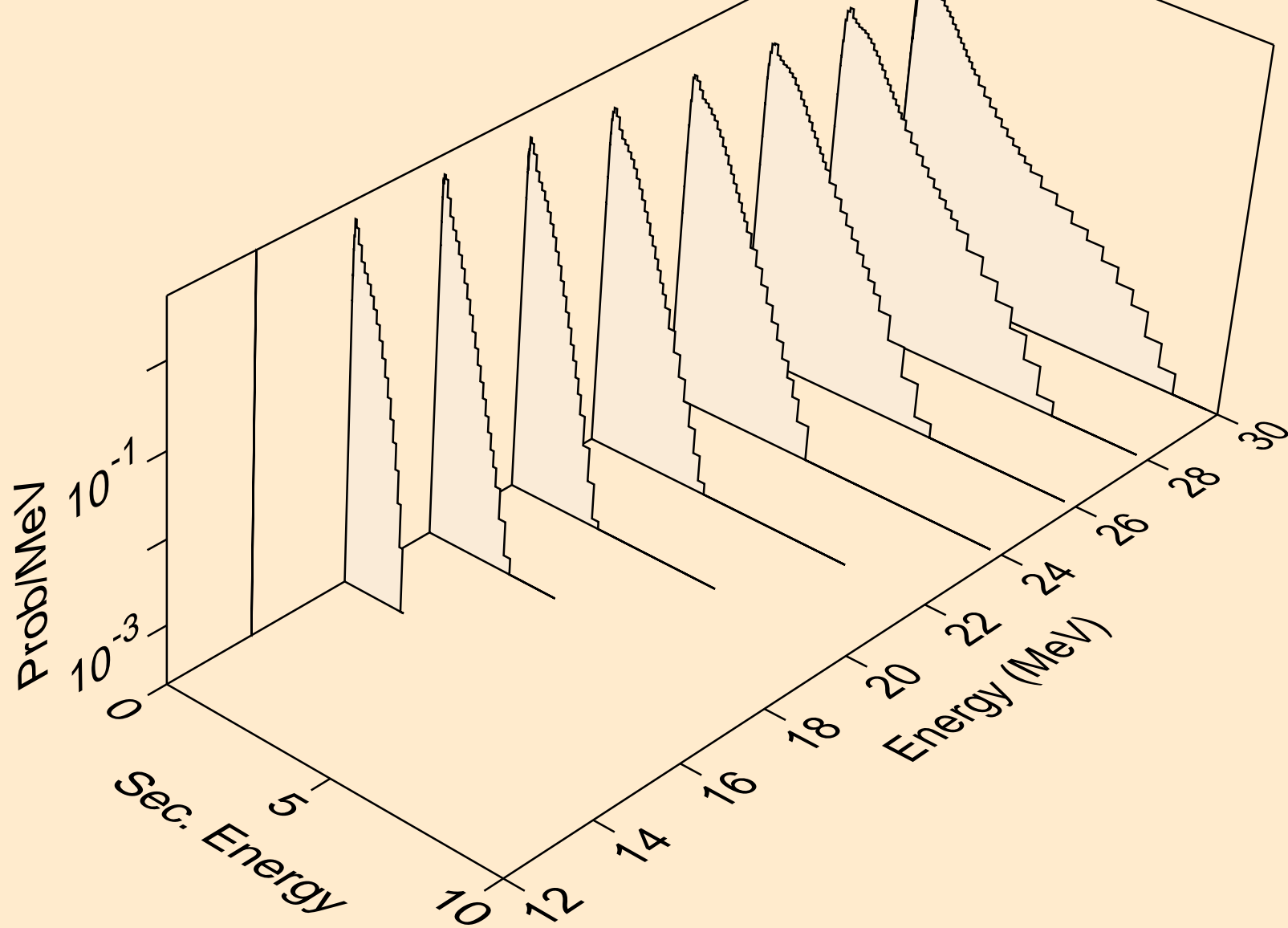


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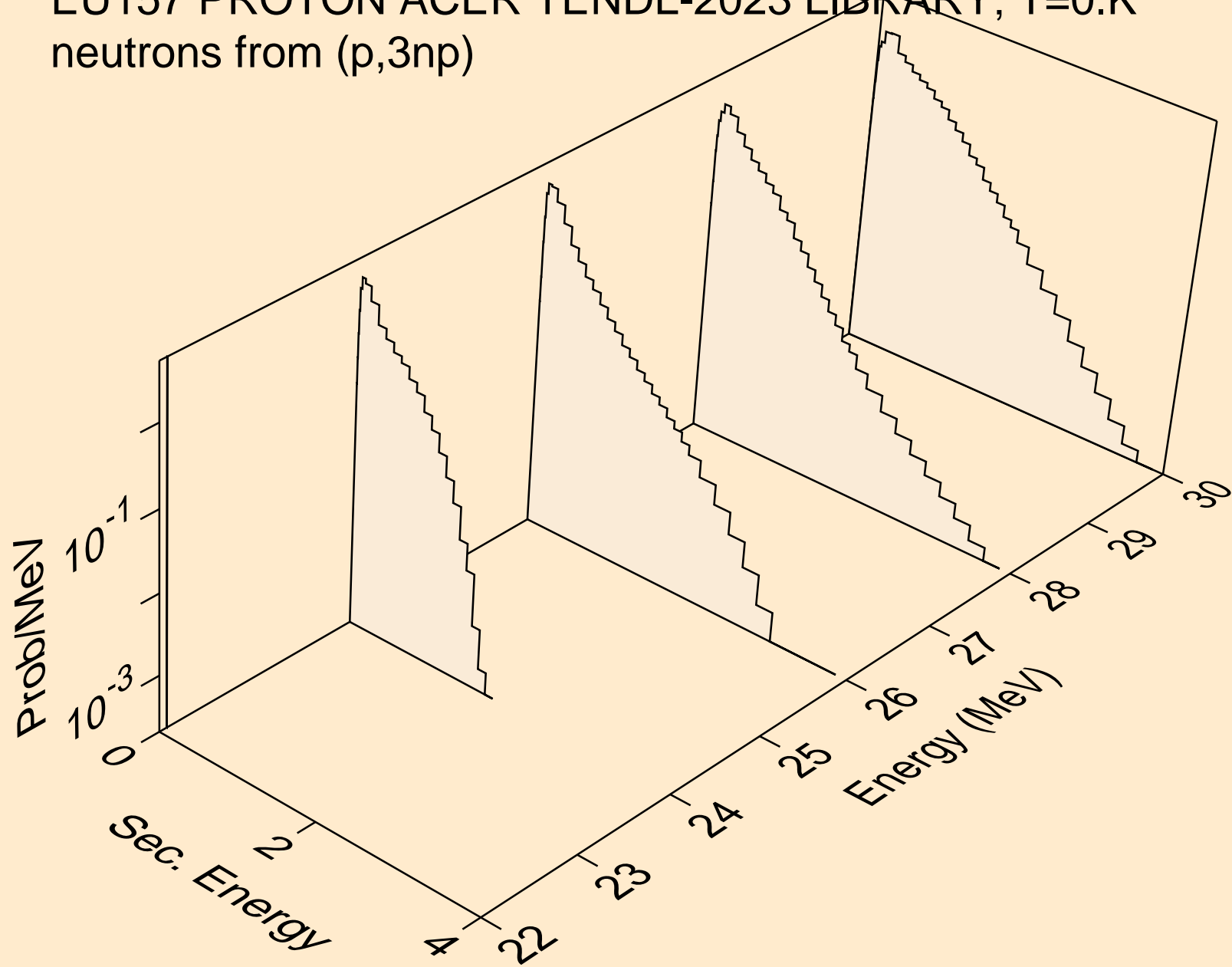




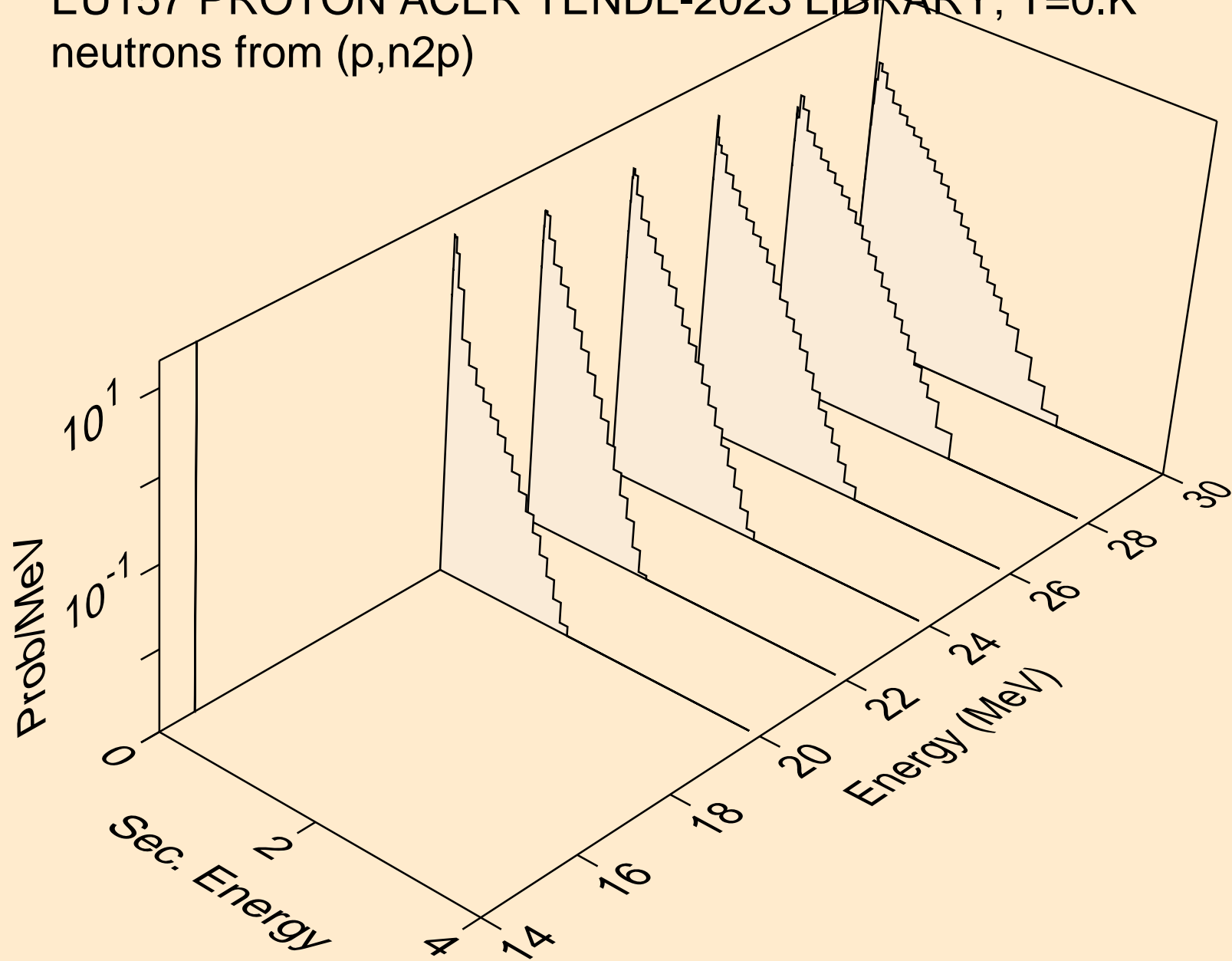
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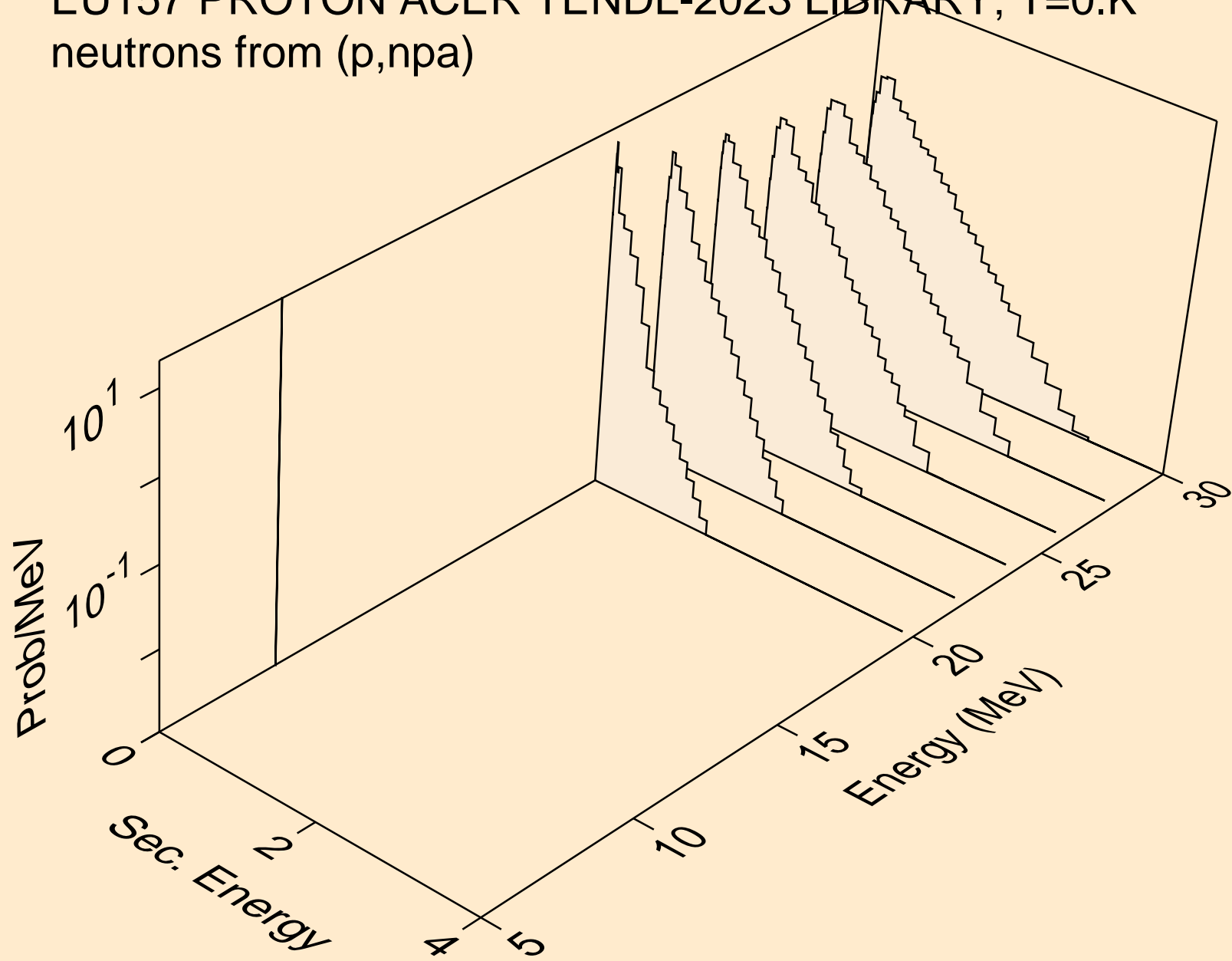
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neutrons from (p,3np)



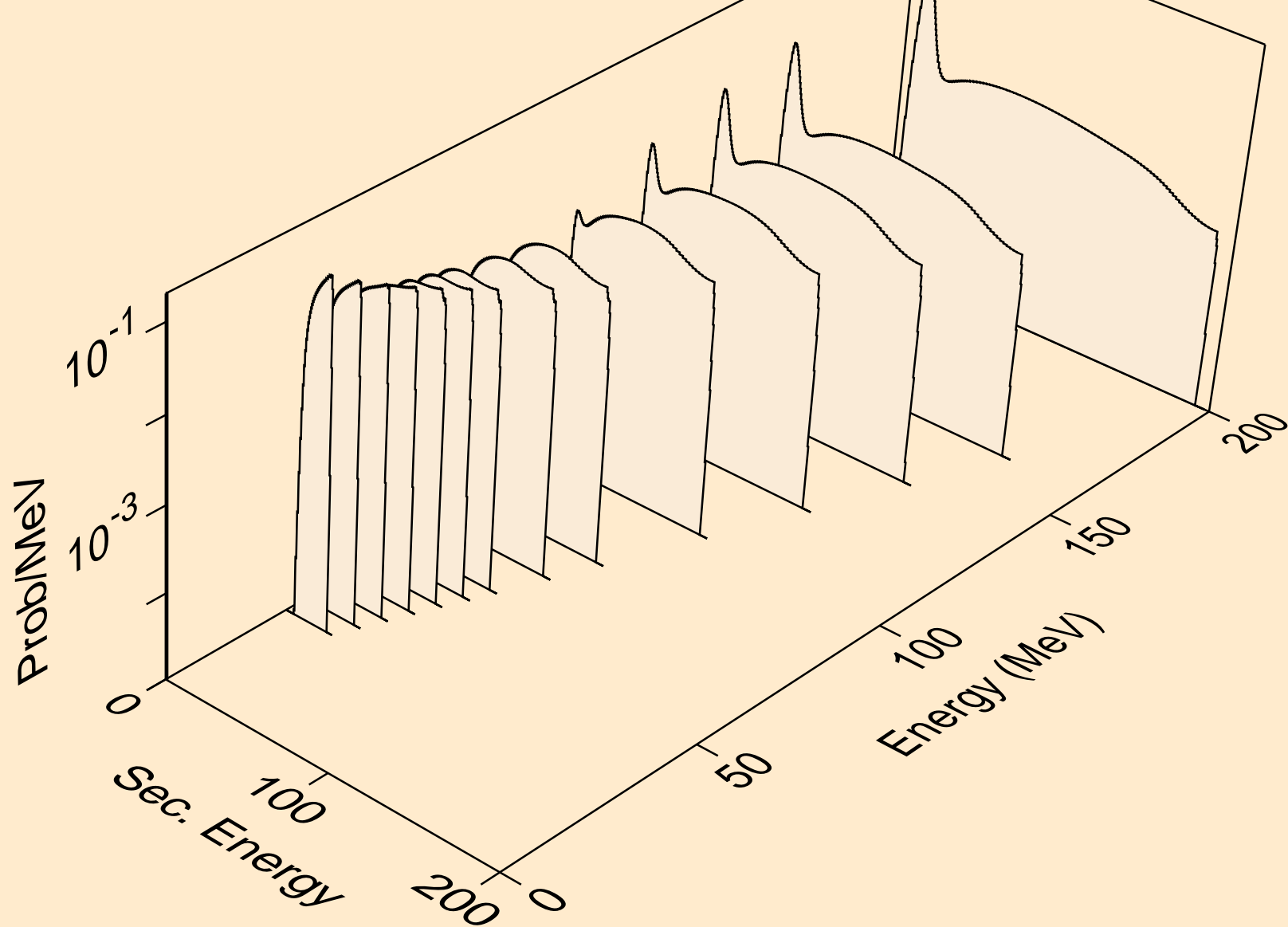
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neutrons from (p,n2p)



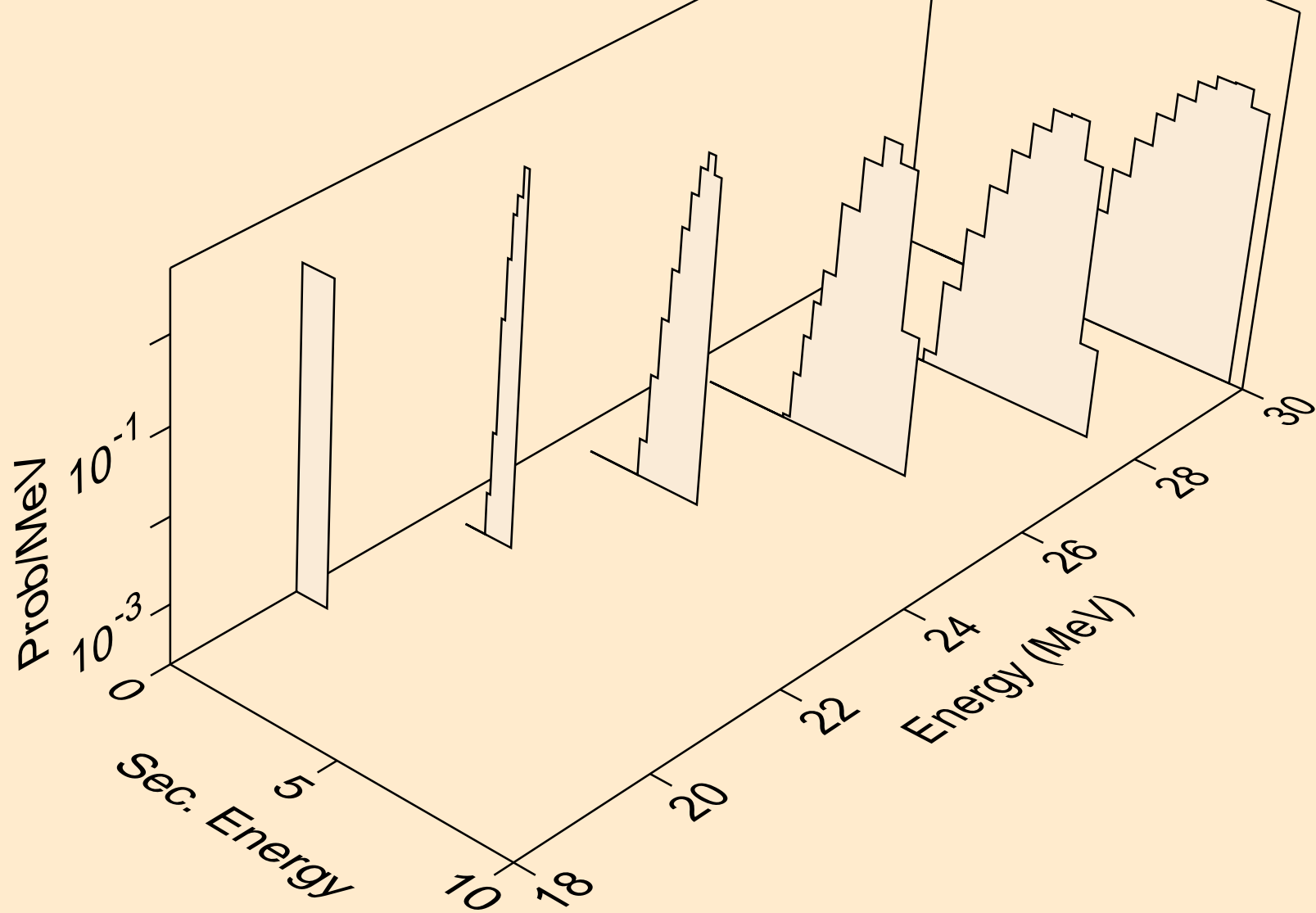
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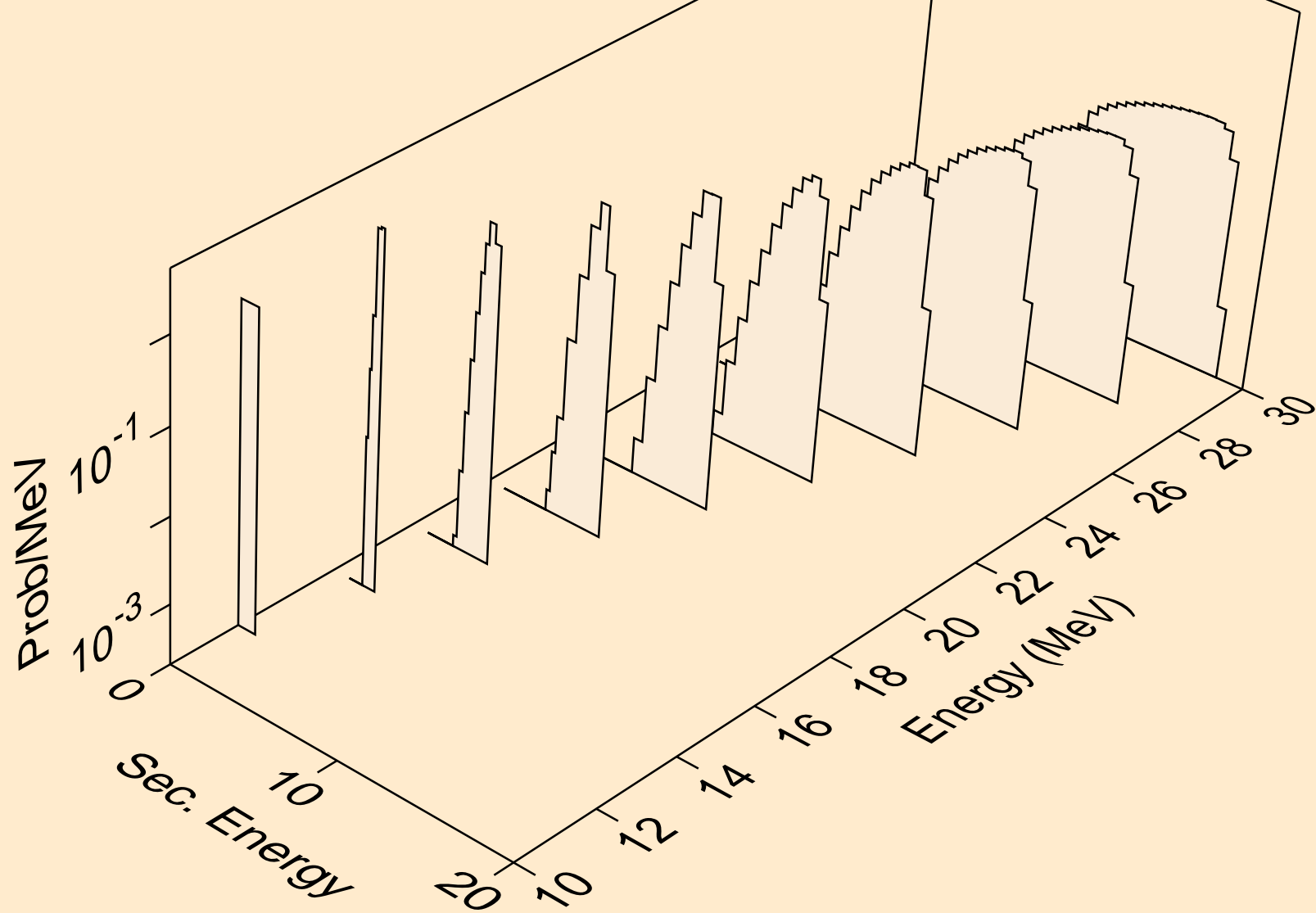
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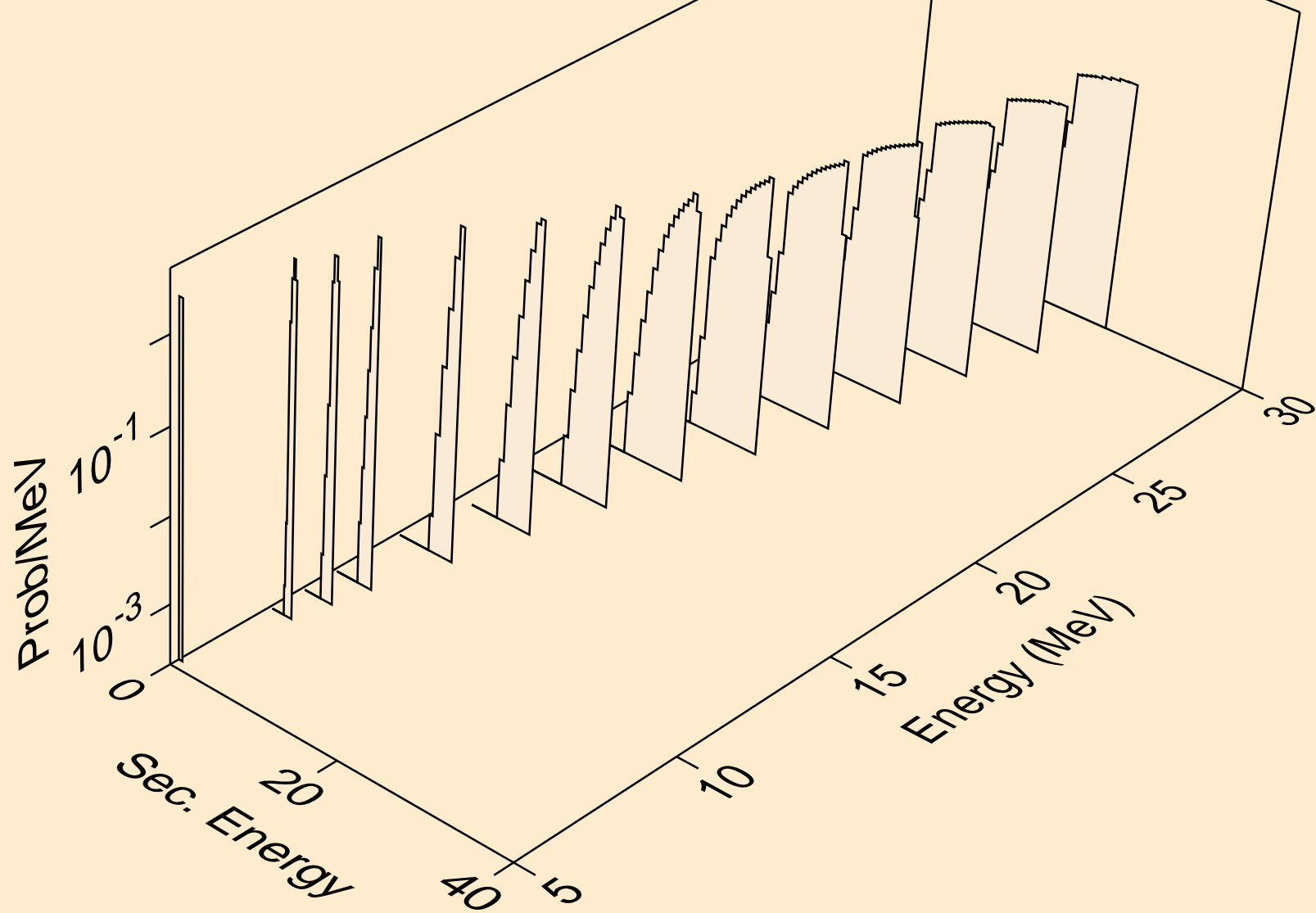
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deuterons from (p,2nd)



EU157 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
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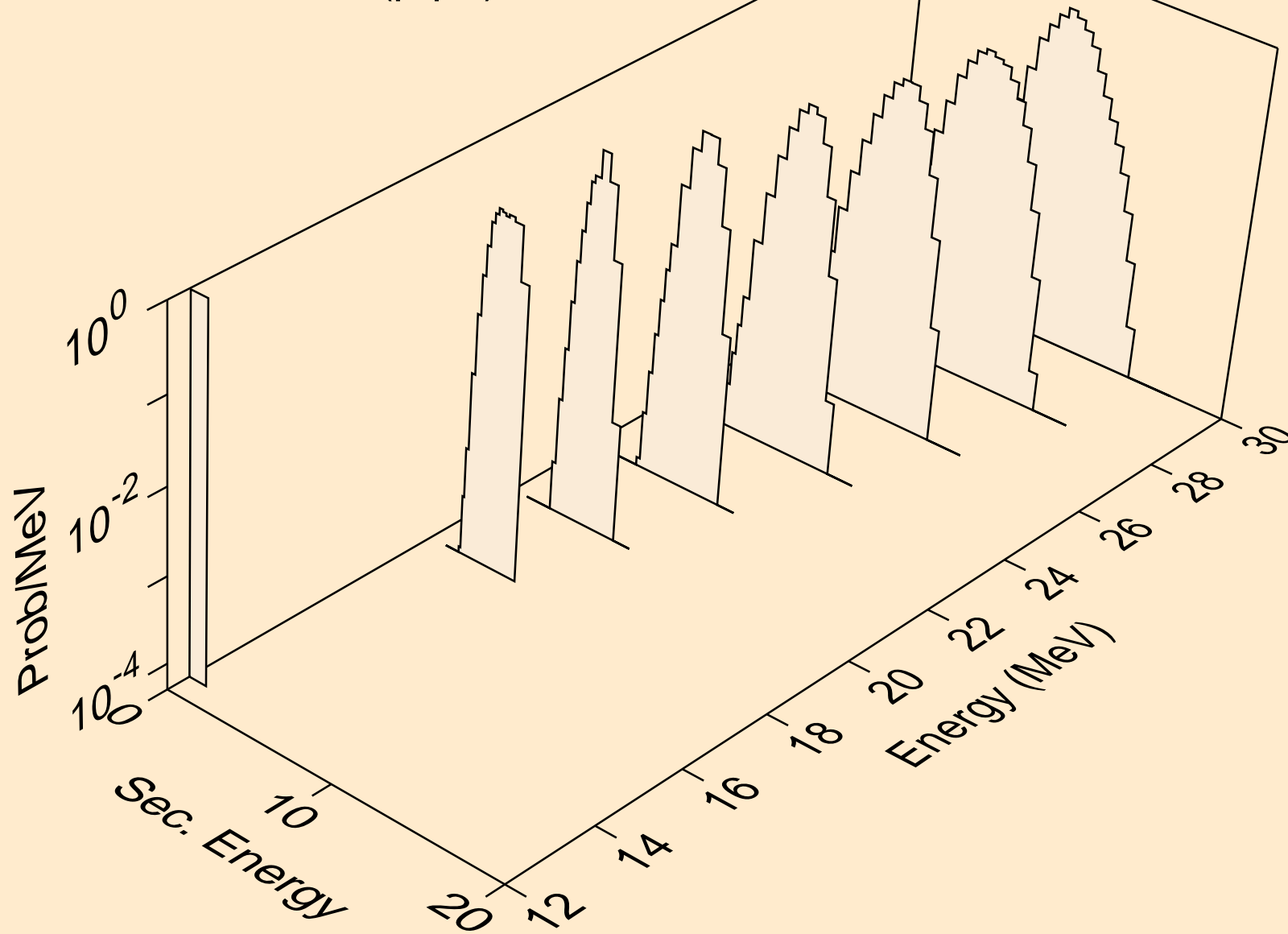


EU157 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
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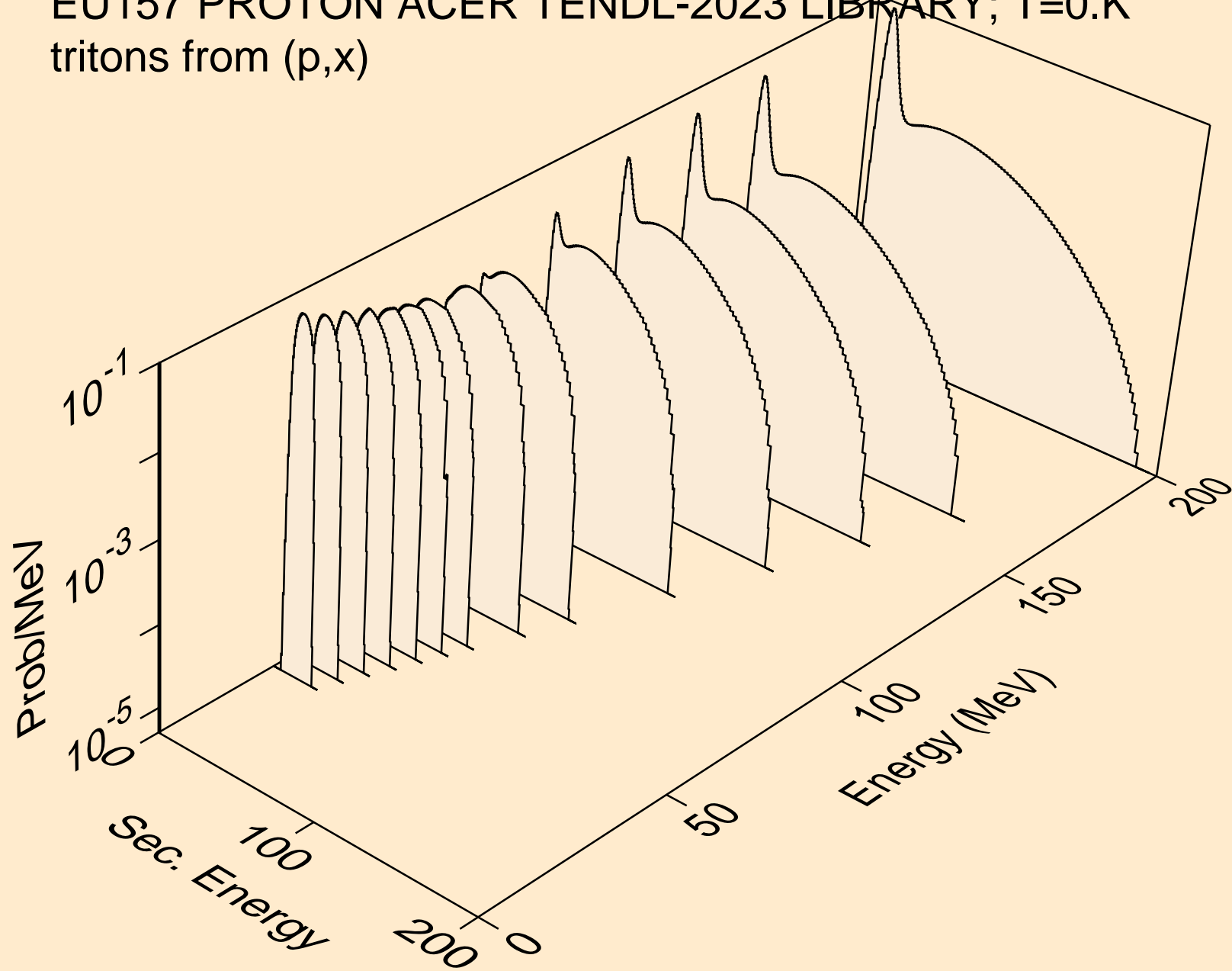




EU157 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,pd)

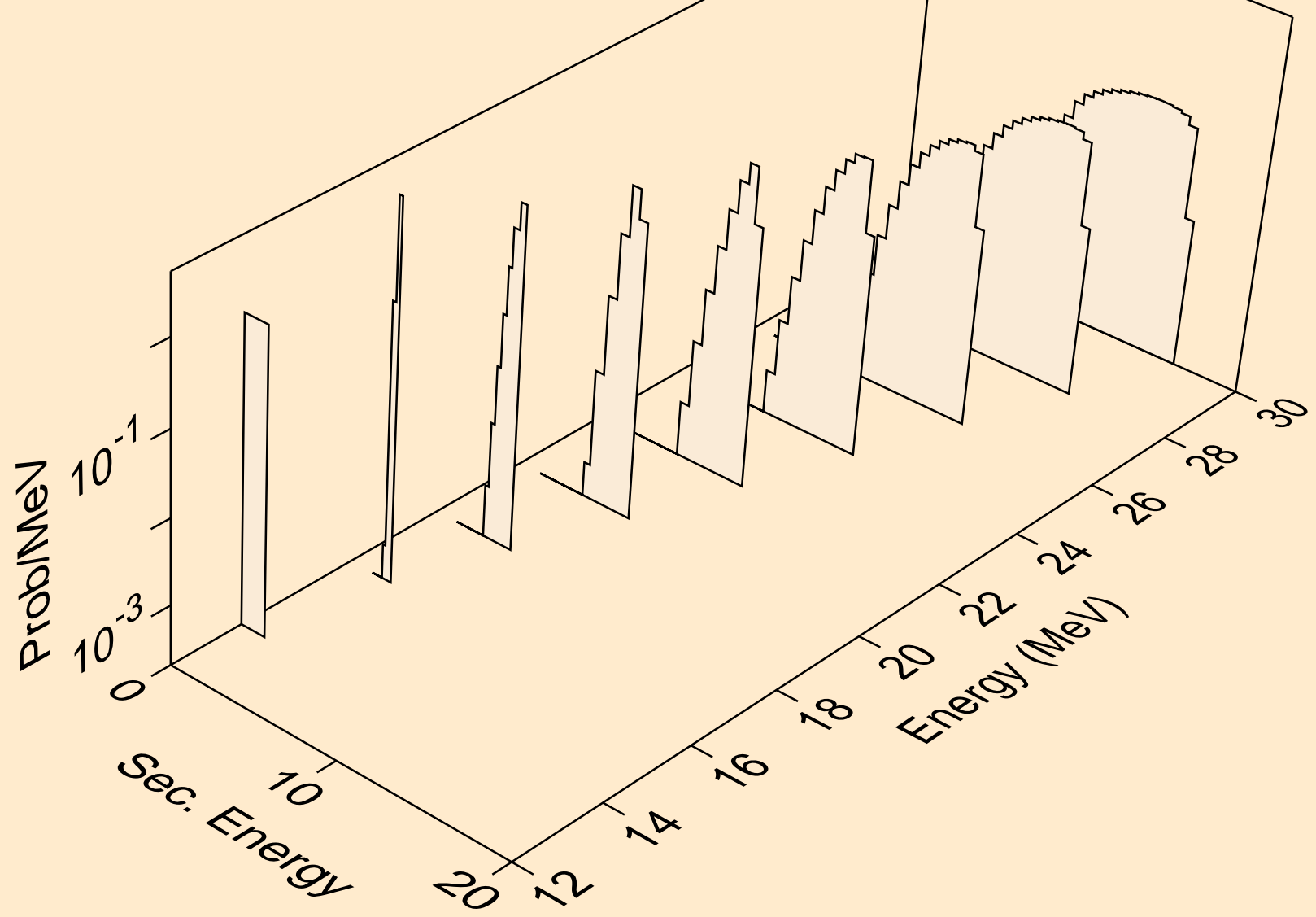


EU157 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,x)

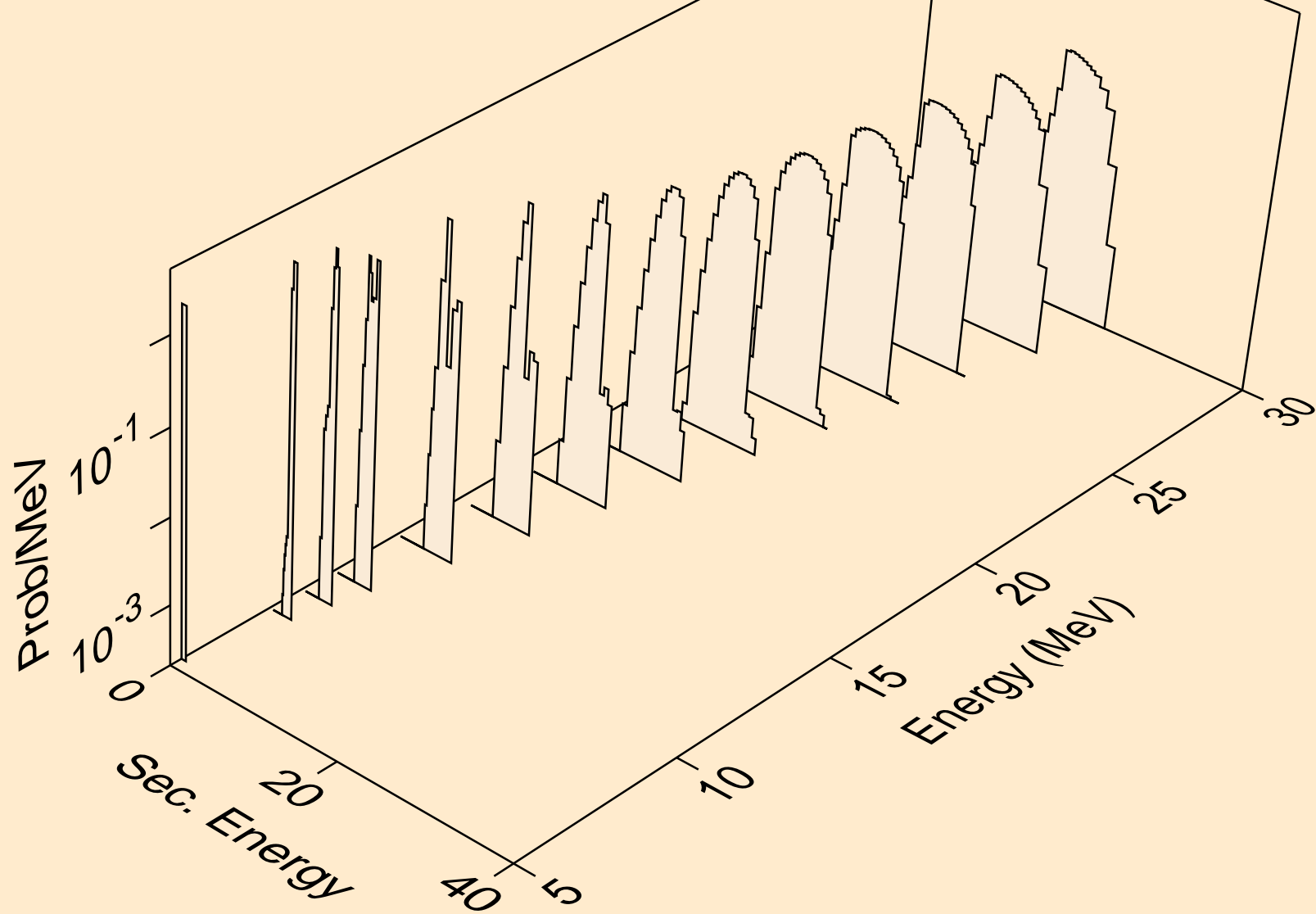


# EU157 PROTON ACER TENDL-2023 LIBRARY; T=0.K

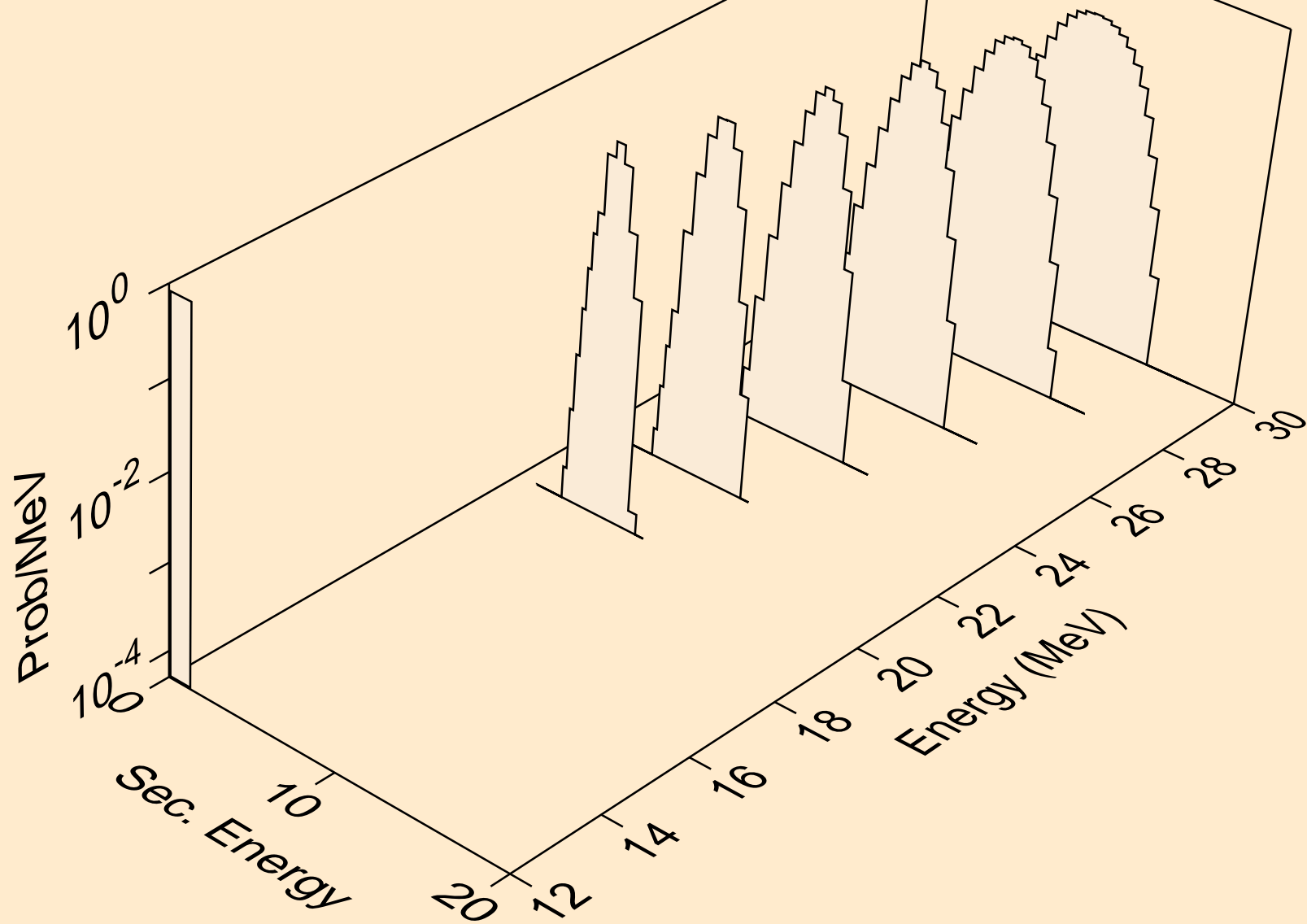
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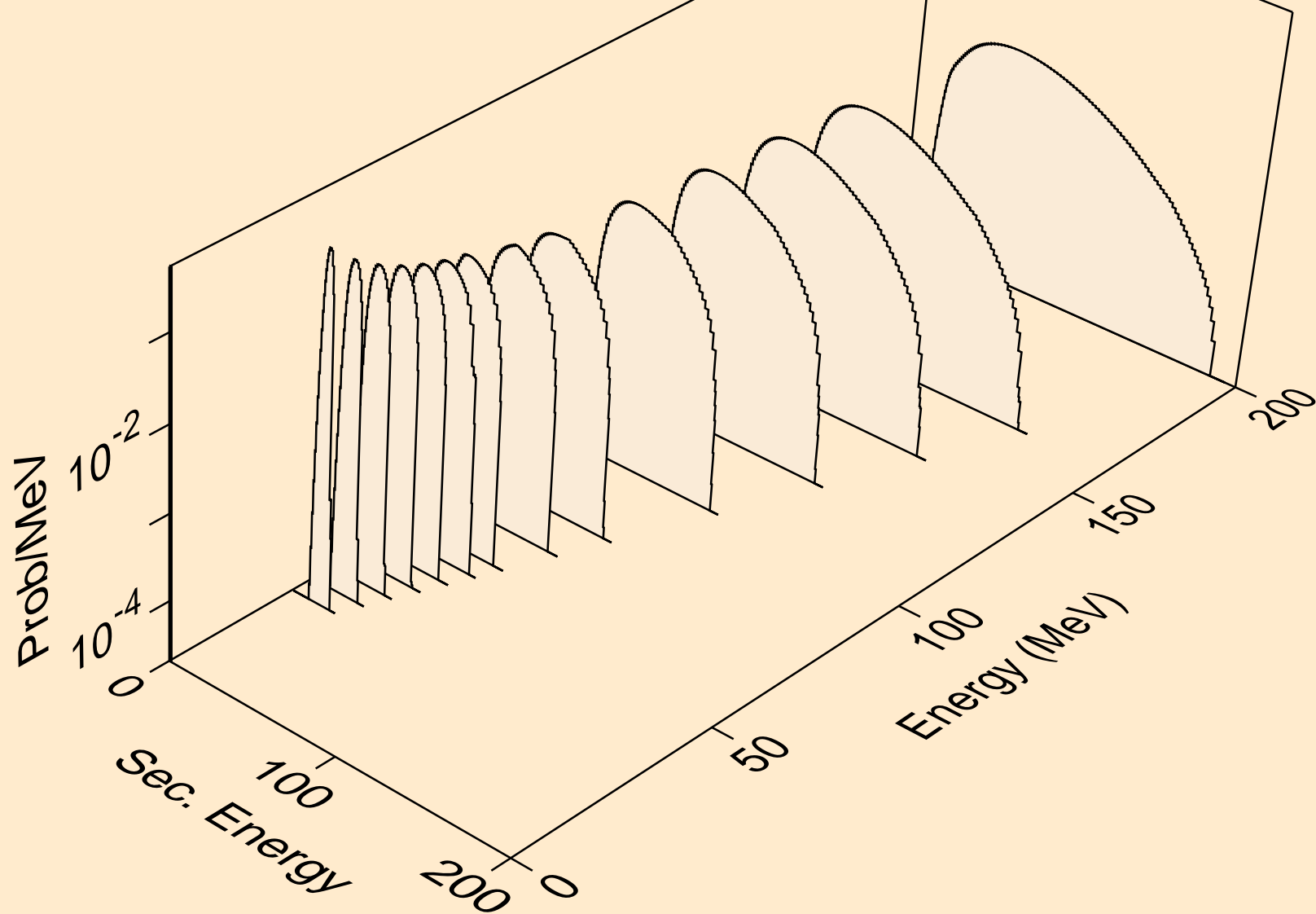
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tritons from (p,t)



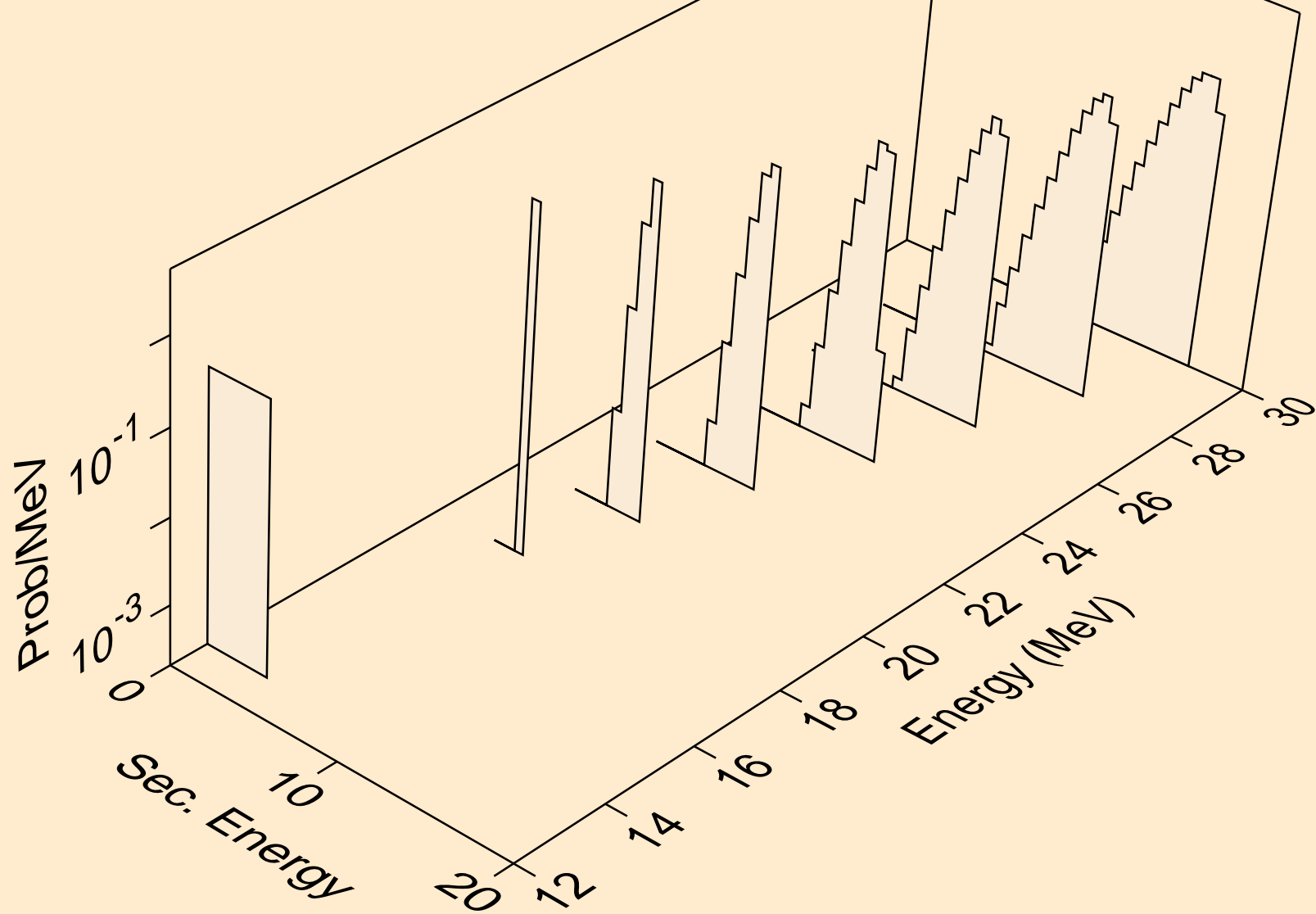
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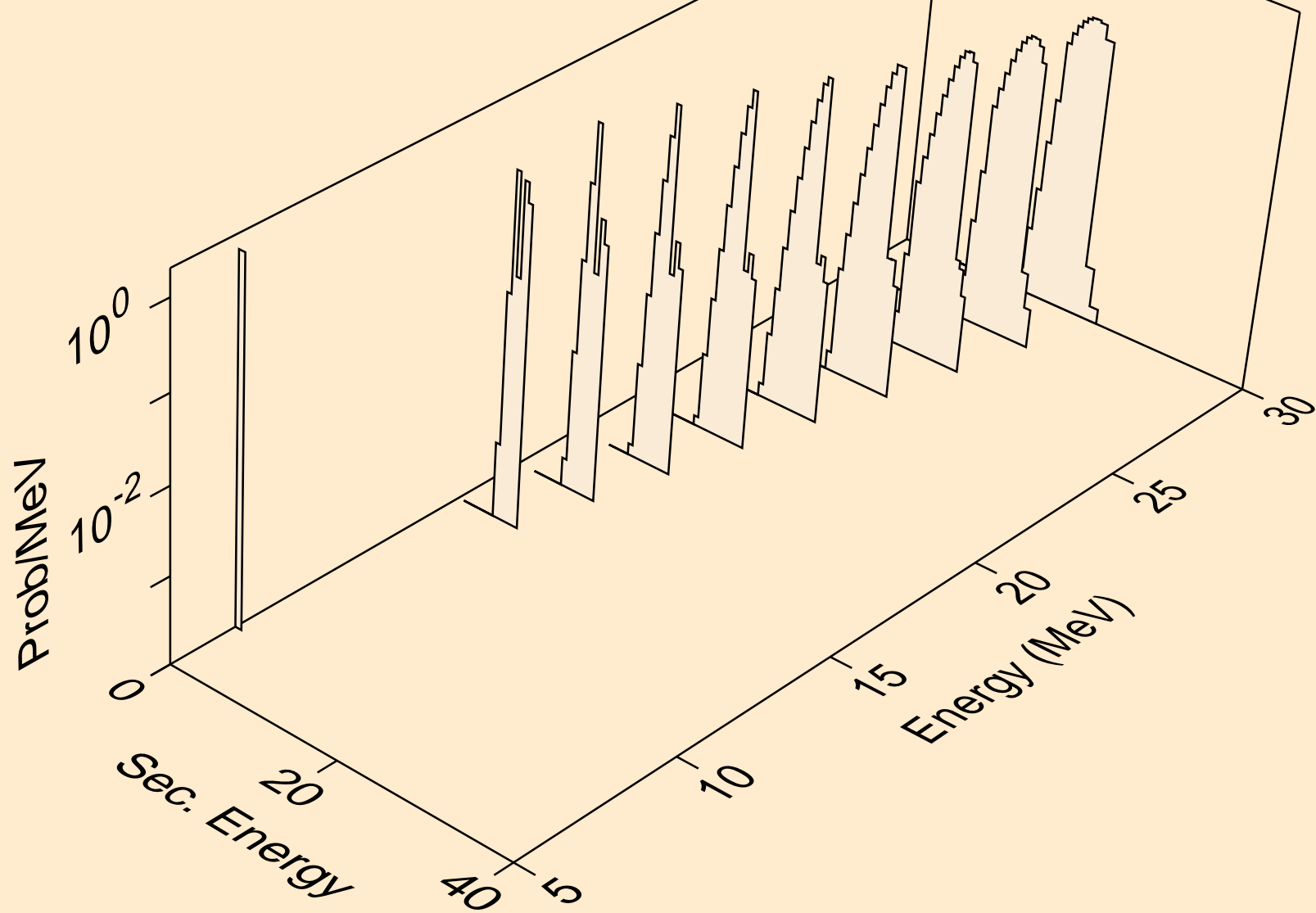
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he3s from (p,x)



EU157 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,n\*)he3

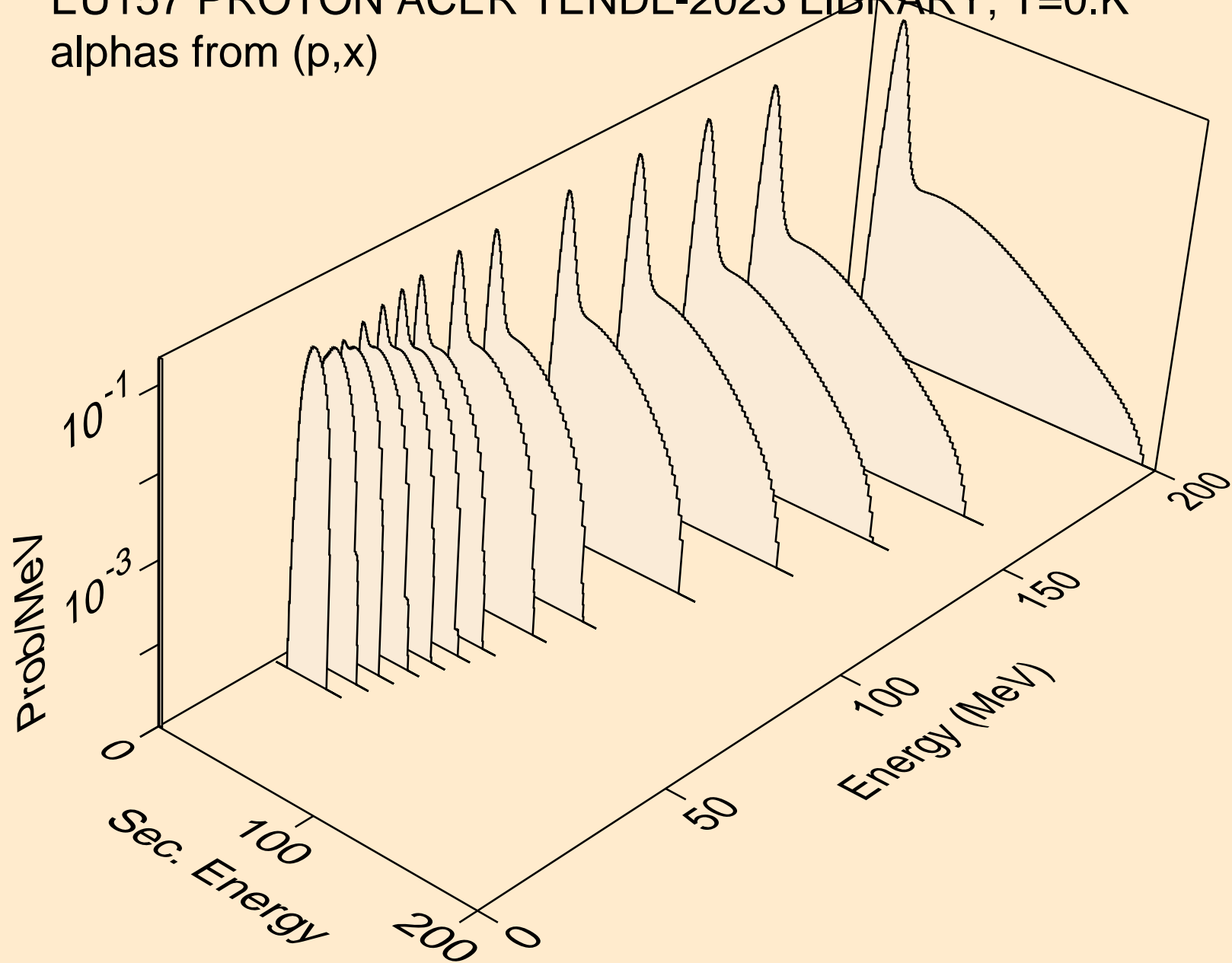


EU157 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,he3)

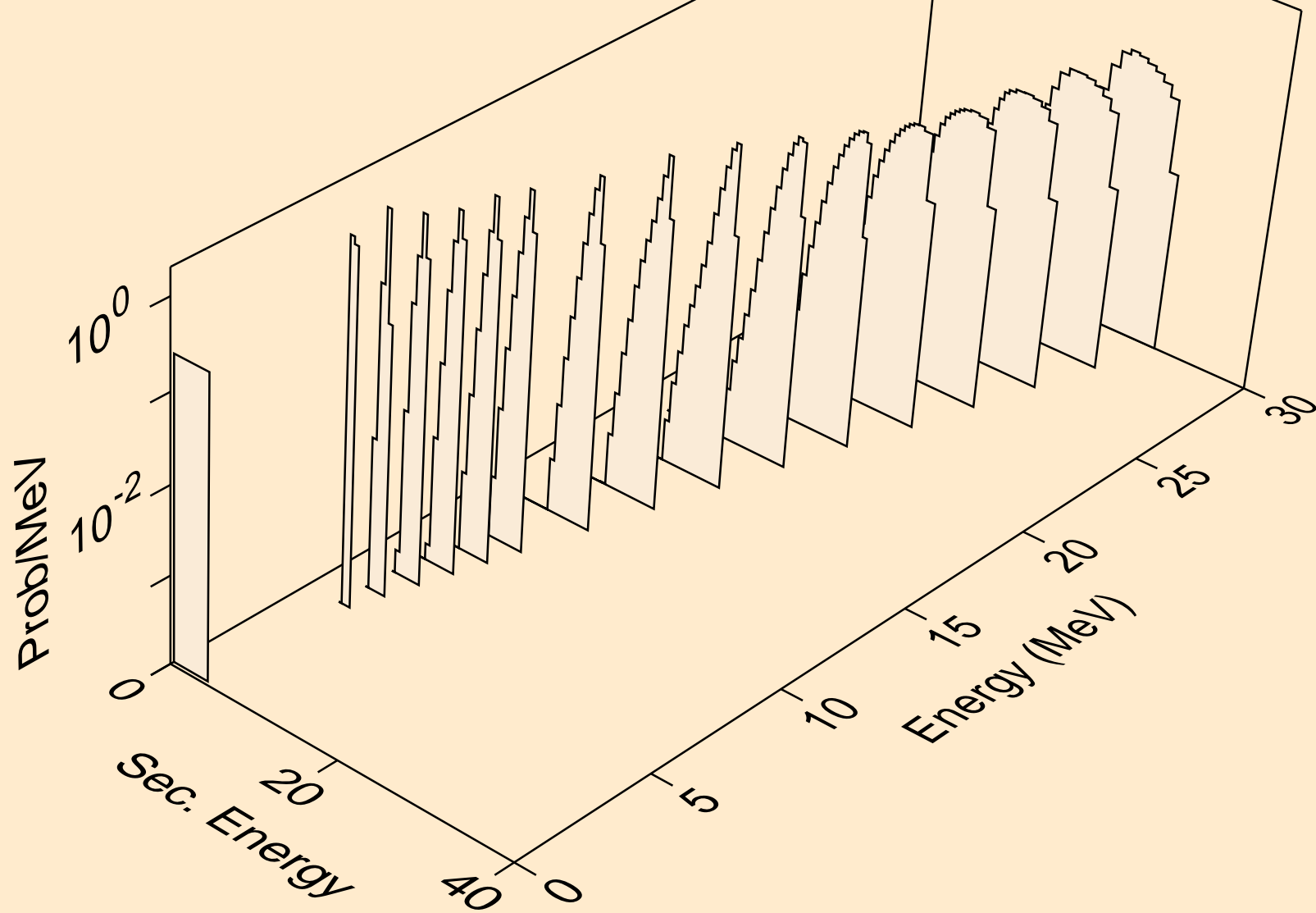




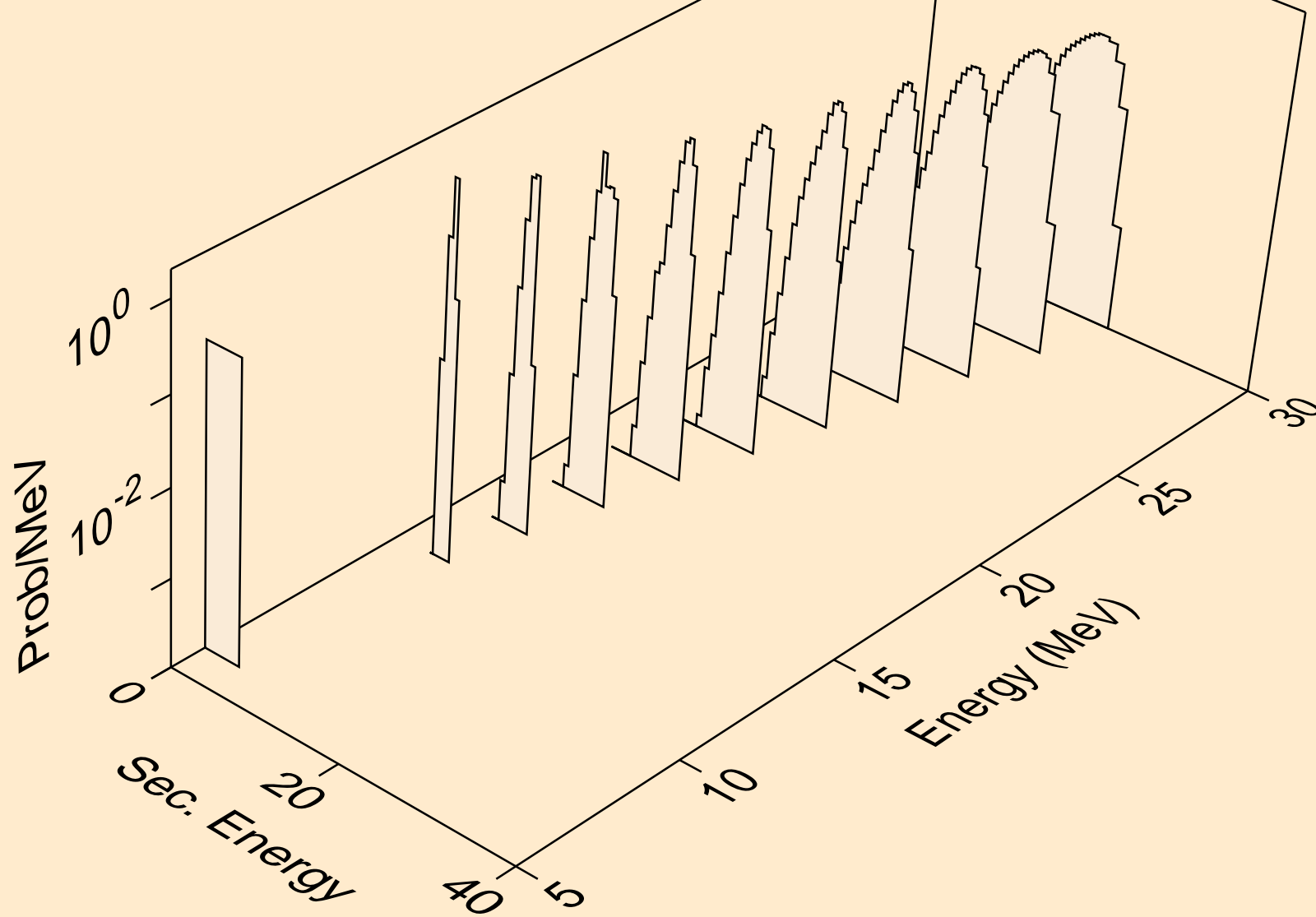
EU157 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,x)



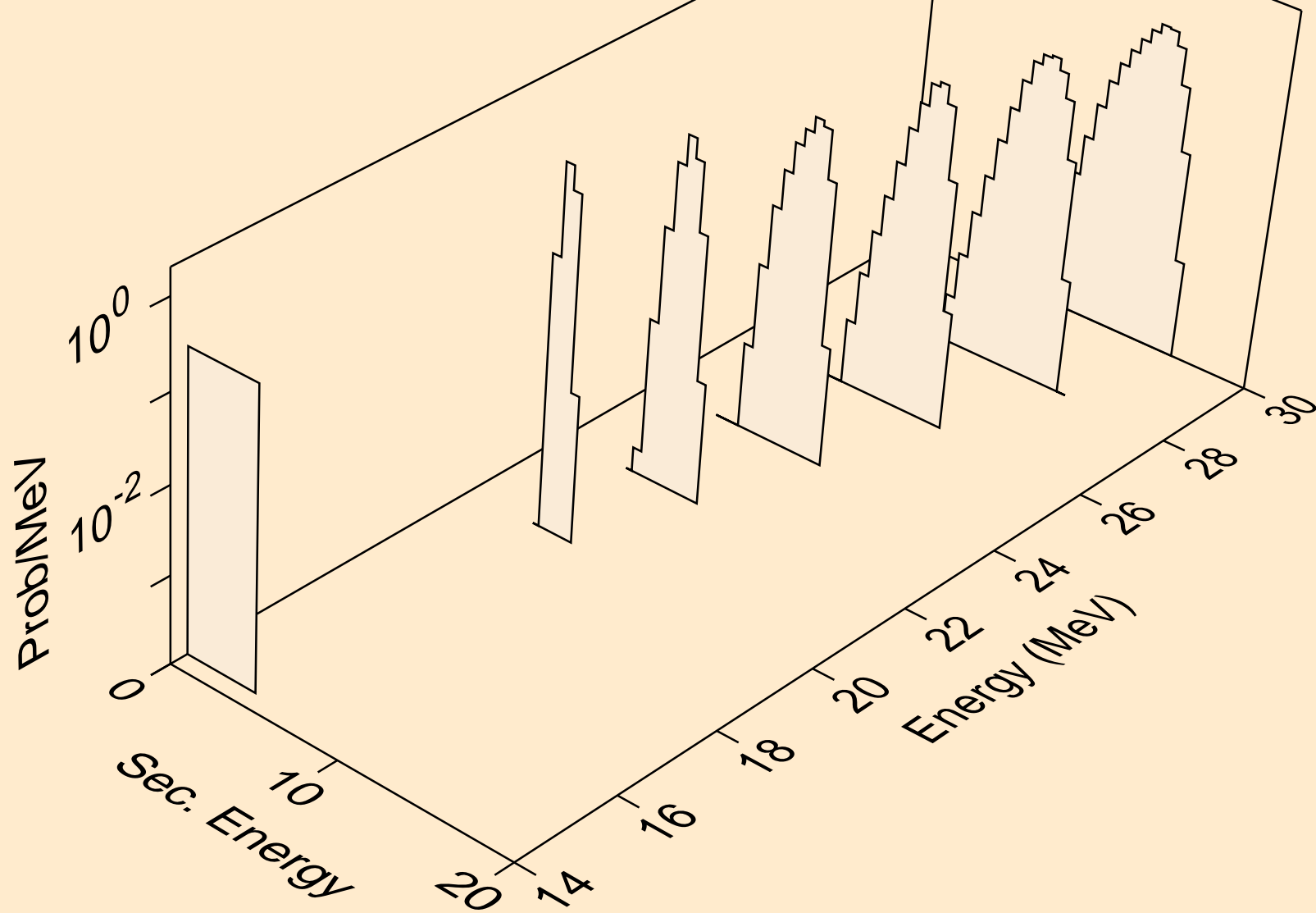
EU157 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,n\*)a



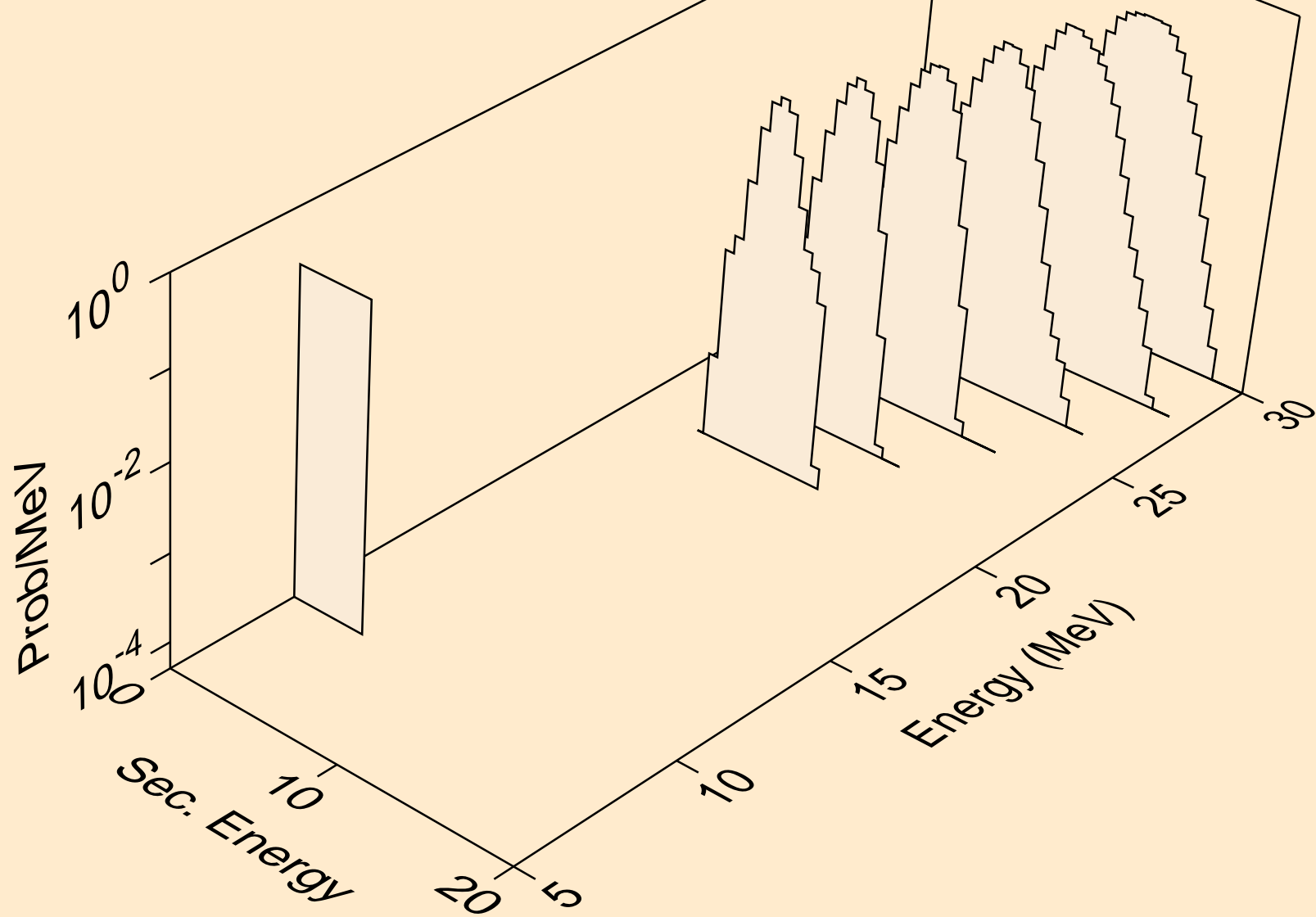
EU157 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,2n)a



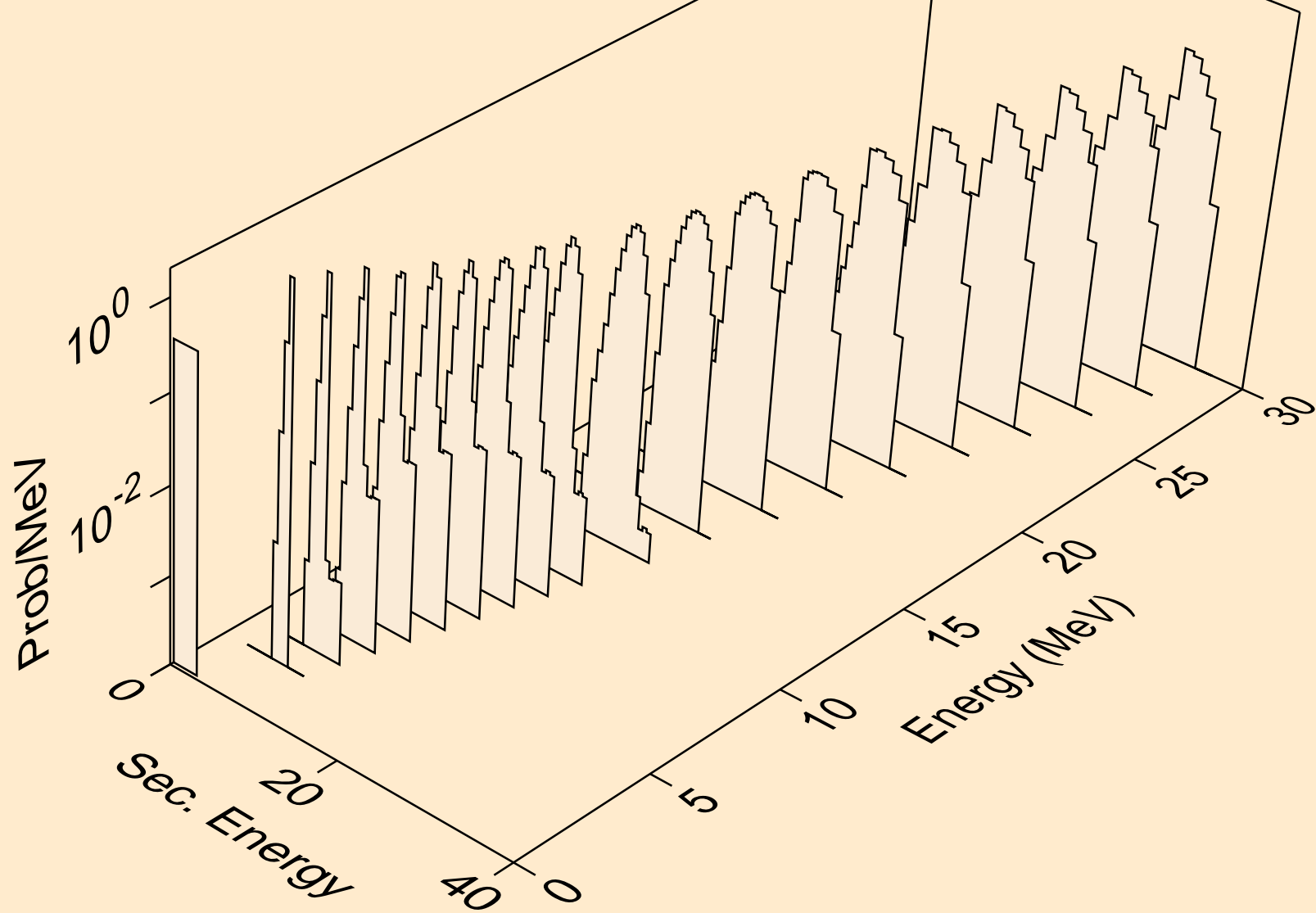
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alphas from (p,3n)a



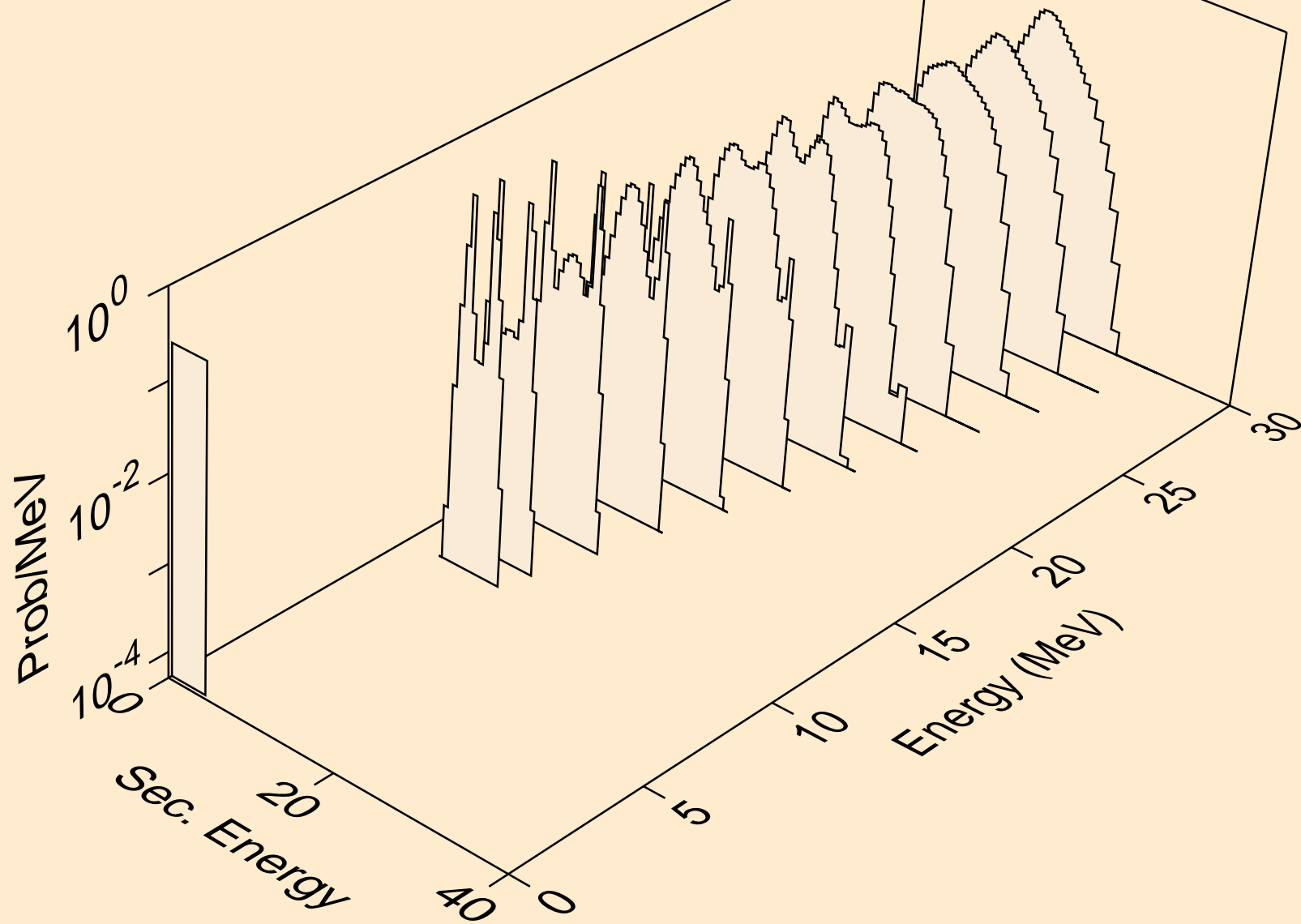
EU157 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,npa)



EU157 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,a)



EU157 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,2a)



EU157 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,pa)

